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- 5 C-NT2RP2005549//PUTATIVE LACTOYLGLUTATHIONE LYASE (EC 4.4.1.5)
(METHYLGLYOXALASE) (ALDOKETOMUTASE) (GLYOXALASE I) (GLX I) (KETONE-ALDEHYDE
MUTASE) (S-D-LACTOYLGLUTATHIONE METHYLGLYOXAL LYASE).//2.00E-
20//181aa//36%//Q39366
- 10 C-NT2RP2005557//Homo sapiens clone 486790 diphosphoinositol polyphosphate
phosphohydrolase mRNA, complete cds.//1.00E-46//576bp//70%//AF062529
- 15 C-NT2RP2005605//QUEUINE TRNA-RIBOSYLTRANSFERASE (EC 2.4.2.29) (TRNA-
GUANINE TRANSGLYCOSYLASE) (GUANINE INSERTION ENZYME).//8.20E-
23//164aa//28%//O32053
- 20 C-NT2RP2005620//Homo sapiens epsin 2a mRNA, complete cds.//8.9e-
313//1455bp//98%//AF062085
- 25 C-NT2RP2005635//PROBABLE NH(3)-DEPENDENT NAD(⁺) SYNTHETASE (EC 6.3.5.1)
.//1.00E-11//128aa//36%//P47623
- 30 C-NT2RP2005654//CYSTEINE STRING PROTEIN (CCCS1).//1.20E-13//74aa//45%//P56101
- C-NT2RP2005669//Homo sapiens death effector domain-containing testicular molecule
mRNA, complete cds.//1.60E-248//1129bp//99%//AF043733
- 35 C-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete
cds.//4.40E-200//908bp//99%//AF089814
- 40 C-NT2RP2005694//X-LINKED RETINITIS PIGMENTOSA GTPASE REGULATOR.//2.60E-
10//175aa//27%//Q92834
- 45 C-NT2RP2005701//ZINC-FINGER PROTEIN RFP (RET FINGER PROTEIN).//3.00E-
63//323aa//39%//Q62158
- C-NT2RP2005712//Homo sapiens myosin X (MYO10) mRNA, partial cds.//0//2681
bp//99%//AF132022
- 50 C-NT2RP2005719//GPI-ANCHORED PROTEIN P137.//4.00E-14//99aa//43%//Q14444
- C-NT2RP2005722//Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete
cds.//0//2545bp//99%//AB011414
- 55 C-NT2RP2005723//HNRNP ARGININE N-METHYLTRANSFERASE (EC 2.1.1.-) (ODP1
PROTEIN).//3.00E-09//169aa//28%//P38074
- C-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete

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cds.//0//1968bp//99%//AF068868

- 5 C-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete
cds.//0//1966bp//99%//AF082516
- 10 C-NT2RP2005763//EUKARYOTIC INITIATION FACTOR 4A (EIF-4A).//1.70E-
61//374aa//38%//P47943
- 15 C-NT2RP2005767//G.gallus PB1 gene.//5.00E-163//1158bp//81%//X90849
- 20 C-NT2RP2005773//Homo sapiens pyrroline 5-carboxylate reductase isoform (P5CR2)
mRNA, complete cds.//2.70E-180//656bp//99%//AF151351
- 25 C-NT2RP2005775//NEUROLYSIN PRECURSOR (EC 3.4.24.16) (NEUROTENSIN
ENDOPEPTIDASE) (MITOCHONDRIAL OLIGOPEPTIDASE M) (MICROSOMAL
ENDOPEPTIDASE) (MEP) (SOLUBLE ANGIOTENSIN-BINDING PROTEIN) (SABP).//2.10E-
213//249aa//85%//Q02038
- 30 C-NT2RP2005776//POLY(A) POLYMERASE TYPE 2 (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE
ADENYLYLTRANSFERASE).//4.40E-55//358aa//42%//P51005
- 35 C-NT2RP2005784//Homo sapiens ubiquitin-conjugating enzyme variant Kua (UBE2V)
mRNA, complete cds.//0//2191bp//92%//AF155120
- 40 C-NT2RP2005812//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC
REGION.//2.30E-39//318aa//31%//P40004
- 45 C-NT2RP2005835//SHP1 PROTEIN.//1.80E-28//208aa//32%//P34223
- 50 C-NT2RP2005841//Homo sapiens mRNA for ALEX3, complete cds.//3.50E-
52//1091bp//59%//AB039669
- 55 C-NT2RP2005933//NUCLEOPORIN NUP57 (NUCLEAR PORE PROTEIN NUP57).//5.00E-
11//155aa//34%//P48837
- C-NT2RP2005942//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE
ADENYLYLTRANSFERASE).//1.50E-67//388aa//44%//P25500
- C-NT2RP2006043//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING
FACTOR SRP75).//1.50E-13//185aa//38%//Q08170
- C-NT2RP2006071//Homo sapiens adaptor protein APPL mRNA, complete cds.//5.80E-
12//1257bp//64%//AF169797
- C-NT2RP2006219//H.sapiens mRNA for DGCR6 protein.//1.10E-214//1026bp//97%//X96484

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C-NT2RP2006238//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete cds.//0//1669bp//88%//U49055

5 C-NT2RP2006275//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN LC1].//2.00E-59//388aa//32%//P46821

10 C-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds.//2.80E-274//1236bp//99%//AF035262

15 C-NT2RP2006436//ANTERIOR-RESTRICTED HOMEOBOX PROTEIN (RATHKE POUCH HOMEO BOX).//3.40E-07//50aa//50%//Q61658

15 C-NT2RP2006456//Homo sapiens leucine-rich glioma-inactivated protein precursor (LGI1) mRNA, complete cds.//1.30E-37//484bp//65%//AF055636

20 C-NT2RP2006464//Homo sapiens mRNA for AND-1 protein.//0//2181bp//99%//AJ006266

25 C-NT2RP2006534//5'-AMP-ACTIVATED PROTEIN KINASE, CATALYTIC ALPHA-1 CHAIN (EC 2.7.1.-) (AMPK ALPHA-1 CHAIN) (FRAGMENT).//3.20E-11//32aa//96%//Q13131

25 C-NT2RP2006565//Homo sapiens secretory carrier-associated membrane protein (SCAMP) mRNA, complete cds.//3.10E-272//1220bp//95%//AF038966

30 C-NT2RP2006571//CYTOCHROME P450 2G1 (EC 1.14.14.1) (CYPIIIG1) (P450-NMB) (OLFACTIVE).//4.20E-134//486aa//50%//P24461

35 C-NT2RP2006573//2',3'-CYCLIC NUCLEOTIDE 3'-PHOSPHODIESTERASE (EC 3.1.4.37) (CNP).//0.0000055//169aa//25%//P09543

40 C-NT2RP2006598//Homo sapiens retinoid x receptor interacting protein mRNA, complete cds.//3.10E-295//1193bp//99%//AF113538

40 C-NT2RP3000031//HISTONE DEACETYLASE HDA1.//1.10E-71//350aa//42%//P53973

45 C-NT2RP3000046//MITOCHONDRIAL GTPASE MSS1 PRECURSOR.//4.60E-78//421aa//37%//P32559

C-NT2RP3000047//NPL4 PROTEIN.//1.10E-85//526aa//36%//P33755

50 C-NT2RP3000050//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.20E-150//490aa//53%//Q05481

55 C-NT2RP3000068//SON OF SEVENLESS PROTEIN HOMOLOG 1 (SOS-1) (MSOS-1).//2.20E-06//165aa//27%//Q62245

C-NT2RP3000085//ACETYL-/PROPYONYL-COENZYME A CARBOXYLASE ALPHA CHAIN

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[CONTAINS: BIOTIN CARBOXYLASE (EC 6.3.4.14); BIOTIN CARBOXYL CARRIER PROTEIN (BCCP)].//1.90E-123//436aa//50%//P46401

5 C-NT2RP3000109//P54 PROTEIN PRECURSOR.//0.0000065//358aa//22%//P13692

10 C-NT2RP3000207//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//2.90E-11//721aa//23%//P08640

15 C-NT2RP3000233//RING CANAL PROTEIN (KELCH PROTEIN).//9.30E-84//453aa//42%//Q04652

15 C-NT2RP3000252//Homo sapiens GTP-binding protein NGB mRNA, complete cds.//0//2388bp//99%//AF120334

20 C-NT2RP3000299//Rattus norvegicus mRNA for Crk-associated substrate, pi 30, complete cds.//0//2730bp//82%//D29766

25 C-NT2RP3000320//Homo sapiens partial mRNA for putative p621 protein which interacts with transcription factor Sp1.//0//1544bp//100%//AJ242978

30 C-NT2RP3000333//Rattus norvegicus db83 mRNA, complete cds.//2.90E-191//1094bp//85%//AB006135

35 C-NT2RP3000341//Homo sapiens mitochondrial inner membrane preprotein translocase Tim17a mRNA, nuclear gene encoding mitochondrial protein, complete cds.//1.50E-246//1124bp//99%//AF106622

35 C-NT2RP3000350//Homo sapiens GTP-binding protein NGB mRNA, complete cds.//0//2392bp//99%//AF120334

40 C-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2.00E-111//226aa//92%//P08760

45 C-NT2RP3000361//Homo sapiens mRNA, complete cds, similar to yeast pre-mRNA splicing factors, Prp1/Zer1 and Prp6.//0//2072bp//98%//AB019219

45 C-NT2RP3000366//RAS-RELATED PROTEIN RAB-18.//2.10E-107//206aa//99%//P35293

50 C-NT2RP3000393//Rattus norvegicus DNA-binding protein PREB (Preb) mRNA, complete cds.//5.80E-266//1373bp//86%//AF061817

55 C-NT2RP3000397//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13).//1.70E-139//679aa//41%//O43143

C-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete

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cds.//0//2364bp//99%//AF071185

5 C-NT2RP3000439//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC
REGION.//2.90E-15//319aa//26%//P37908

10 C-NT2RP3000441//Homo sapiens squamous cell carcinoma antigen recognized by T cell
(SART-2) mRNA, complete cds.//3.40E-42//645bp//67%//AF098066

15 C-NT2RP3000512//Human HOX2G mRNA from the Hox2 locus.//0//1934bp//99%//X16667

20 C-NT2RP3000527//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//4.80E-
28//536aa//27%//P28160

25 C-NT2RP3000531//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//1.90E-
12//192aa//30%//P15151

30 C-NT2RP3000562//Homo sapiens putative RNA-binding protein Q99 mRNA, complete
cds.//0//2165bp//99%//AF093097

35 C-NT2RP3000578//HES1 PROTEIN.//1.30E-22//229aa//27%//P35843

C-NT2RP3000590//UVS-2 PROTEIN.//1.30E-22//458aa//24%//P33288

40 C-NT2RP3000596//TRICHOHYALIN.//2.50E-17//304aa//28%//Q07283

45 C-NT2RP3000603//NEUROGENIC DIFFERENTIATION FACTOR 1.//3.70E-
11//90aa//42%//Q13562

50 C-NT2RP3000605//Mus musculus mRNA for wizL, complete
cds.//0//2232bp//82%//AB012265

55 C-NT2RP3000624//Rattus norvegicus mRNA for SECIS binding protein 2 (sbp2 gene)
.//5.80E-234//1562bp//81%//AJ251245

60 C-NT2RP3000632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.00E-
140//499aa//46%//P51523

65 C-NT2RP3000739//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY
PROTEIN).//1.40E-24//155aa//37%//Q10149

70 C-NT2RP3000742//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE
PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-
DELTA-1) (PLC-III) (FRAGMENT).//4.10E-165//371aa//49%//P10895

75 C-NT2RP3000753//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT
PROTEIN) (NF-H).//2.00E-10//565aa//24%//P12036

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C-NT2RP3000759//ADP-RIBOSYLATION FACTOR./I/7.00E-28//176aa/34%//Q94650

- 5 C-NT2RP3000825//NEUROGENIC LOCUS NOTCH 3 PROTEIN./I/2.50E-
36//417aa/31%//Q61982
- 10 C-NT2RP3000826//Homo sapiens mRNA for seven transmembrane protein TM7SF3,
complete cds./I/0//2522bp/99%//AB032470
- 15 C-NT2RP3000845//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.-)
.I/8.30E-108//331aa/50%//P27448
- 20 C-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog
(Doc1) mRNA, complete cds./I/6.90E-69//1611bp/61%//U53445
- 25 C-NT2RP3000869//Drosophila melanogaster AAA family protein Bor (bor) mRNA, complete
cds./I/2.60E-138//1673bp/67%//AF227209
- 30 C-NT2RP3000875//MEVALONATE KINASE (EC 2.7.1.36) (MK).I/7.70E-
87//175aa/98%//Q03426
- 35 C-NT2RP3000917//DHP1 PROTEIN./I/1.00E-193//428aa/55%//P40848
- 40 C-NT2RP3000919//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65)
mRNA, complete cds./I/2.70E-185//585bp/88%//AF015264
- 45 C-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A./I/1.90E-46//73aa/98%//P39027
- 50 C-NT2RP3000994//MATERNAL EFFECT PROTEIN
STAUFEN./I/0.00000006//78aa/48%//P25159
- 55 C-NT2RP3001055//Drosophila melanogaster separation anxiety protein (san) mRNA,
complete cds./I/3.80E-38//462bp/70%//AF225902
- 60 C-NT2RP3001057//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
.I/9.00E-201//584aa/54%//Q05481
- 65 C-NT2RP3001081//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete
cds./I/7.10E-47//537bp/74%//AF060219
- 70 C-NT2RP3001096//Rattus norvegicus leprecan (lepre1) mRNA, complete cds./I/1.70E-
94//787bp/66%//AF087433
- 75 C-NT2RP3001107//PEREGRIN (BR140 PROTEIN).I/3.00E-44//260aa/40%//P55201
- 80 C-NT2RP3001111//Homo sapiens TRF-proximal protein mRNA, complete cds./I/1.50E-

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149//731bp//97%//AF097725

5 C-NT2RP3001113//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1//2.90E-11//631aa//23%//P25386

C-NT2RP3001120//ZINC FINGER, PROTEIN 136//7.80E-170//512aa//58%//P52737

10 C-NT2RP3001140//F-SPONDIN PRECURSOR//9.90E-238//419aa//96%//P35446

15 C-NT2RP3001150//TRANSCRIPTION TERMINATION FACTOR
RHO//0.00000031//207aa//29%//P52154

18 C-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//0//2732bp//99%//AJ006266

20 C-NT2RP3001176//HYPOTHETICAL 65.3 KD PROTEIN IN MAD1-SCY1 INTERGENIC REGION//1.70E-10//196aa//27%//P53154

25 C-NT2RP3001216//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I) (FRAGMENT)
.//0.0000023//137aa//33%//P35663

28 C-NT2RP3001221//GAMMA-BUTYROBETAINE,2-OXOGLUTARATE DIOXYGENASE (EC 1.14.11.1) (GAMMA-BUTYROBETAINE HYDROXYLASE).//1.90E-31//353aa//30%//P80193

30 C-NT2RP3001239//MICROTUBULE-ASSOCIATED PROTEIN 1B (MAP1.2) (MAP1(X))
[CONTAINS: LIGHT CHAIN LC1].//1.20E-166//395aa//51%//P14873

35 C-NT2RP3001253//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110)
.//1.70E-10//540aa//23%//P32380

40 C-NT2RP3001268//Homo sapiens zinc finger protein ZNF228 (ZNF228) mRNA, complete cds//0//3606bp//99%//AF198358

45 C-NT2RP3001272//Mus musculus mRNA for macrophage actin-associated-tyrosine-phosphorylated protein//1.30E-99//669bp//83 %//Y18101

50 C-NT2RP3001307//Gallus gallus RPE65 mRNA, complete cds//4.20E-29//530bp//63%//AB017594

55 C-NT2RP3001338//ZINC FINGER PROTEIN 81 (FRAGMENT).//2.40E-16//175aa//28%//P51508

C-NT2RP3001355//TRICARBOXYLATE TRANSPORT PROTEIN PRECURSOR (CITRATE TRANSPORT PROTEIN) (CTP) (TRICARBOXYLATE CARRIER PROTEIN).//3.60E-25//129aa//34%//P32089

C-NT2RP3001383//Mus musculus ARL-6 interacting protein-6 (Aip-6) mRNA, partial

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cds./.3.40E-40//355bp//79%//AF133913

C-NT2RP3001384//Homo sapiens mRNA for LA95 protein./.0//1214bp//99%//AJ243467

5

C-NT2RP3001398//TRANSCRIPTIONAL REPRESSOR CTCF./.1.30E-
61//374aa//36%//P49711

10

C-NT2RP3001399//SSU72 PROTEIN./.1.30E-16//84aa//52%//P53538

C-NT2RP3001407//SCY1 PROTEIN./.0.00000033//143aa//25%//P53009

15

C-NT2RP3001426//DNAJ PROTEIN (FRAGMENT).//1.00E-16//77aa//46%//O33529

20

C-NT2RP3001427//WERNER SYNDROME HEUCASE HOMOLOG./.2.70E-
10//159aa//33%//O09053

C-NT2RP3001428//NUCLEOPROTEIN TPR./.1.40E-128//152aa//99%//P 12270

25

C-NT2RP3001453//ANTIGEN PEPTIDE TRANSPORTER 2 (APT2) (HISTOCOMPATIBILITY
ANTIGEN MODIFIER 2).//3.20E-90//157aa//59%//P36371

30

C-NT2RP3001457//Drosophila melanogaster Melted (melt) mRNA, partial cds./.4.60E-
20//792bp//59%//AF205831

35

C-NT2RP3001472//NONHISTONE CHROMOSOMAL PROTEIN 6A./.9.10E-
13//87aa//43%//P11632

40

C-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete
cds./.0//1475bp//99%//U13395

45

C-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8)
mRNA, complete cds./.0//2295bp//99%//AF064801

50

C-NT2RP3001527//Human Sp140 protein (Sp140) mRNA, complete cds./.4.30E-
290//793bp//93%//U63420

45

C-NT2RP3001529//SPOOB-ASSOCIATED GTP-BINDING PROTEIN./.1.00E-
61//345aa//42%//P20964

55

C-NT2RP3001538//HYPOTHETICAL 39.0 KD PROTEIN T28D9.3 IN CHROMOSOME
II./.9.10E-10//158aa//31%//Q10022

55

C-NT2RP3001554//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN
LC1].//1.40E-76//388aa//32%//P46821

C-NT2RP3001580//Mus musculus strain C57BL/J germ cell-less protein (Gcl) mRNA,

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complete cds./0//1730bp//85%//AF163665

5 C-NT2RP3001587//Human anthracycline-associated resistance ARX mRNA, complete
cds./0//2617bp//99%//U35832

C-NT2RP3001642//HYPOTHETICAL PROTEIN KIAA0210./.6.80E-18//91aa//38%//Q92609

10 C-NT2RP3001646//WD-40 REPEAT PROTEIN MSI2./.8.80E-09//132aa//31%//O22468

15 C-NT2RP3001671//Homo sapiens mRNA for NS1-binding protein (NS1-BP)
.//0//1557bp//98%//AJ012449

15 C-NT2RP3001672//Homo sapiens Sex comb on midleg homolog 1 isoform 2 (SCMH1)
mRNA, complete cds./0//2836bp//99%//AF149046

20 C-NT2RP3001679//Homo sapiens rec mRNA, complete cds./0//2495bp//99%//AB023584

25 C-NT2RP3001688//Homo sapiens DNA binding protein p96PIF mRNA, complete
cds./0//1869bp//99%//AF173868

25 C-NT2RP3001690//INTRACELLULAR PROTEIN TRANSPORT PROTEIN
USO1./.0.0000024//481aa//21%//P25386

30 C-NT2RP3001708//TWISTED GASTRULATION PROTEIN PRECURSOR./.3.40E-
33//161aa//32%//P54356

35 C-NT2RP3001712//Homo sapiens HP1-BP74 protein mRNA, complete
cds./0//1788bp//99%//AF113534

40 C-NT2RP3001723//Homo sapiens cell recognition molecule Caspr2 (CASPR2) mRNA,
complete cds./1.40E-58//1138bp//63%//AF193613

C-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA,
complete cds./1.10E-240//902bp//99%//AF054177

45 C-NT2RP3001727//Rattus norvegicus implantation-associated protein (IAG2) mRNA, partial
cds./6.90E-132//774bp//88%//AF008554

50 C-NT2RP3001730//SEPTIN 2 HOMOLOG (FRAGMENT).//7.10E-132//294aa//84%//Q14141

C-NT2RP3001739//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I./.1.40E-
15//190aa//32%//Q09701

55 C-NT2RP3001792//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M)
.//1.80E-117//462aa//55%//P52272

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C-NT2RP3001799//MYOSIN HEAVY CHAIN, STRIATED MUSCLE./.1.60E-
11//348aa/27%//P24733

5 C-NT2RP3001819//RING CANAL PROTEIN (KELCH) PROTEIN).//7.40E-
18//249aa/30%//Q04652

10 C-NT2RP3001854//Homo sapiens novel retinal pigment epithelial cell protein (NORPEG)
mRNA, complete cds./.0//2742bp/99%//AF155135

15 C-NT2RP3001855//HOMEobox PROTEIN PKNOX1 (HOMEobox PROTEIN PREP-1)
.//8.10E-125//302aa/60%//P55347

20 C-NT2RP3001857//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1./.1.20E-
14//242aa/24%//Q00808

25 C-NT2RP3001898//Homo sapiens mRNA for UDP-N-acetylglucosamine: alpha-1,3-D-
mannoside beta-1,4-N-acetylglucosaminyltransferase IV, complete
cds./.0//1587bp/100%//AB000624

30 C-NT2RP3001931//Rattus norvegicus clone C48 CDK5 activator-binding protein mRNA,
complete cds./.4.30E-91//656bp/81%//AF177478

35 C-NT2RP3001938//SPORULATION-SPECIFIC PROTEIN 1 (EC 2.7.1.-).//1.30E-
22//227aa/33%//P08458

40 C-NT2RP3001944//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME
III./.3.10E-92//314aa/51 %//Q09251

45 C-NT2RP3001969//TRICHOHYALIN./.2.70E-11//442aa/23%//P37709

50 C-NT2RP3002004//H.sapiens mRNA for FAST kinase./.1.50E-192//475bp/94%//X86779

55 C-NT2RP3002007//SAP1 PROTEIN./.1.1 OE-68//474aa/32%//P39955

C-NT2RP3002014//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME
III./.5.30E-25//139aa/48%//Q09232

50 C-NT2RP3002045//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2
ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE
ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT./.1.00E-299//397aa/94%//P18484

55 C-NT2RP3002056//RETINOBLASTOMA BINDING PROTEIN 1 (RBBP-1).//2.00E-
48//475aa/35%//P29374

C-NT2RP3002062//Homo sapiens BAG-family molecular chaperone regulator-5 mRNA,
complete cds./.0//3764bp/99%//AF095195

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C-NT2RP3002081//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//4.10E-233//1896bp//69%//AF111423

5

C-NT2RP3002108//DEC1 PROTEIN (MDM20 PROTEIN).//7.90E-09//181aa//22%//Q12387

10

C-NT2RP3002151//G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG (GTP-BINDING PROTEIN GST1-HS).//2.80E-253//474aa//93%//P15170

15

C-NT2RP3002165//TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP.//1.90E-151//223aa//91%//Q02614

15

C-NT2RP3002273//SCD6 PROTEIN.//1.30E-09//295aa//28%//P45978

20

C-NT2RP3002303//PROBABLE UNDECAPRENYL PYROPHOSPHATE SYNTHETASE (EC 2.5.1.31) (UPP SYNTHETASE) (DI-TRANS-POLY-CIS-DECAPRENYLCISTRANSFERASE).//8.60E-49//243aa//43%//Q58767

25

C-NT2RP3002330//Homo sapiens eRFS mRNA, complete cds.//0//2443bp//99%//U87791

25

C-NT2RP3002351//Human mRNA for NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase (EC 1.5.1.15).//4.20E-70//590bp//76%//X16396

30

C-NT2RP3002399//DNA REPLICATION LICENSING FACTOR MCM4 (CDC21 HOMOLOG) (P1-CDC21).//8.60E-79//416aa//34%//P33991

35

C-NT2RP3002501//THREONINE DEHYDRATASE CATABOLIC (EC 4.2.1.16) (THREONINE DEAMINASE).//3.70E-43//318aa//37%//P05792

40

C-NT2RP3002529//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS45.//8.90E-95//542aa//38%//P38932

40

C-NT2RP3002549//HYPOTHETICAL 26.6 KD PROTEIN T19C3.4 IN CHROMOSOME III.//5.80E-40//161aa//52%//Q10010

45

C-NT2RP3002602//PROBABLE PROTEIN DISULFIDE ISOMERASE ER-60 PRECURSOR (EC 5.3.4.1) (ERP60) (58 KD MICROSMAL PROTEIN) (P58) (HIP-70) (Q-2).//2.90E-19//173aa//28%//P11598

50

C-NT2RP3002628//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//2.50E-26//90aa//42%//P38660

55

C-NT2RP3002631//Homo sapiens Ran binding protein 11 mRNA, complete cds.//0//1703bp//99%//AF111109

C-NT2RP3002650//Mus musculus growth suppressor 1L (Gros1) mRNA, complete

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cds.//0//2109bp//87%//AF165163

5 C-NT2RP3002663//Homo sapiens putative glycolipid transfer protein mRNA, complete
cds.//8.10E-263//1243bp//97%//AF103731

C-NT2RP3002671//ELONGATION FACTOR 2 (EF-2).//2.50E-73//179aa//36%//P13060

10 C-NT2RP3002682//Homo sapiens CGI-145 protein mRNA, complete
cds.//0//1596bp//98%//AF151903

15 C-NT2RP3002688//Mouse mRNA for kinesin-like protein (Kif1b), complete cds.//1.10E-
93//1205bp//69%//D17577

20 C-NT2RP3002770//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN
MYD116.//1.00E-07//70aa//41%//P17564

25 C-NT2RP3002785//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//2.50E-
55//187aa//39%//Q24371

30 C-NT2RP3002810//HISTIDINE-RICH PROTEIN KE4.//2.20E-10//260aa//26%//Q31125

C-NT2RP3002818//INSERTION ELEMENT IS2A HYPOTHETICAL 48.2 KD PROTEIN.//5.70E-
226//303aa//97%//P51026

35 C-NT2RP3002869//Mus musculus semaphorin Vla mRNA, complete cds.//2.50E-
232//1282bp//85%//AF030430

40 C-NT2RP3002876//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//1.30E-
29//805bp//61%//AF053091

45 C-NT2RP3002909//P53-BINDING PROTEIN 2 (53BP2) (BCL2-BINDING PROTEIN) (BBP)
.//1.50E-125//512aa//47%//Q13625

C-NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN).//2.00E-
11//551aa//42%//Q04652

50 C-NT2RP3002953//Homo sapiens protocadherin beta 5 (PCDH-beta5) mRNA, complete
cds.//0//2388bp//99%//AF152498

55 C-NT2RP3002969//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete
cds.//0//2722bp//99%//D89053

C-NT2RP3002972//Halocynthia roretzi mRNA for HrPET-1, complete cds.//3.90E-
52//899bp//64%//AB029333

C-NT2RP3002988//Homo sapiens IκB kinase-β (IKK-β) mRNA, complete cds.//1.80E-

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292//1325bp//99%//AF080158

- 5 C-NT2RP3003032//Homo sapiens okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19) mRNA, complete cds.//0//2656bp//99%//AF084555
- 10 C-NT2RP3003059//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//3.80E-152//1007bp//82%//U78090
- 15 C-NT2RP3003061//ANKYRIN.//1.40E-20//200aa//37%//Q02357
- C-NT2RP3003071//NEUROGENIC PROTEIN BIG BRAIN.//1.10E-05//258aa//24%//P23645
- 20 C-NT2RP3003078//Rattus norvegicus mRNA for ischemia related factor NYW-1, complete cds.//2.60E-112//633bp//88%//AB027149
- 25 C-NT2RP3003101//Mouse mRNA for tetracycline transporter-like protein, complete cds.//3.60E-83//807bp//72%//D88315
- C-NT2RP3003133//Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds.//0//1998bp//91%//AB011414
- 30 C-NT2RP3003138//Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds.//0//2159bp//98%//AF071592
- 35 C-NT2RP3003145//Mus musculus metallocarboxypeptidase CPX-1 mRNA, complete cds.//0//2251bp//81%//AF077738
- C-NT2RP3003185//TROPOMYOSIN1, FUSION PROTEIN 33.//2.80E-06//402aa//23%//P49455
- C-NT2RP3003193//ZINC FINGER PROTEIN 135.//7.30E-98//269aa//62%//P52742
- 40 C-NT2RP3003197//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//5.70E-09//169aa//31%//Q09674
- 45 C-NT2RP3003203//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//2.00E-210//1851 bp//76%//AF110267
- 50 C-NT2RP3003212//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.//4.30E-187//1750bp//75%//U20286
- C-NT2RP3003230//Homo sapiens mRNA for hCRNN4, complete cds.//0//2350bp//99%//AB030656
- 55 C-NT2RP3003242//Homo sapiens stanniocalcin-related protein mRNA, complete cds.//0//2366bp//99%//AF098462

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C-NT2RP3003251//52 KD RO PROTEIN (SJOGEN SYNDROME TYPE A ANTIGEN (SS-A))
(RO(SS-A)).//4.20E-86//366aa//48%//P19474

- 5 C-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete
cds.//0//2596bp//98%//L36983
- 10 C-NT2RP3003290//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.//1.5e-
310//1468bp//82%//AB033922
- 15 C-NT2RP3003301//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC
3.4.21.-).//1.10E-170//585aa//54%//O64948
- 20 C-NT2RP3003313//Homo sapiens thyroid hormone receptor-associated protein complex
component TRAP80 mRNA, complete cds.//0//2476bp//99%//AF117657
- 25 C-NT2RP3003327//52 KD RO PROTEIN (SJOGEN SYNDROME TYPE A ANTIGEN (SS-A))
(RO(SS-A)) (RO52).//1.30E-35//178aa//44%//Q62191
- 30 C-NT2RP3003353//HYPOTHETICAL 26.2 KD PROTEIN IN GDI1-COX15 INTERGENIC
REGION.//2.80E-07//161aa//28%//P40084
- 35 C-NT2RP3003385//Mus musculus SKD3 mRNA, complete cds.//0//2133bp//85%//U09874
- 40 C-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete
cds.//9.20E-45//782bp//65%//U90653
- 45 C-NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete
cds.//6.30E-270//743bp//90%//AF071317
- 50 C-NT2RP3003490//Homo sapiens mRNA for putative phospholipase, complete cds.//4.50E-
81//649bp//67%//AB019435
- 55 C-NT2RP3003491//Drosophila melanogaster Pelle associated protein Pellino (Pli) mRNA,
complete cds.//5.60E-36//842bp//62%//AF091624
- 60 C-NT2RP3003500//SCY1 PROTEIN.//9.20E-27//601aa//23%//P53009
- 65 C-NT2RP3003555//HYPOTHETICAL 32.6 KD PROTEIN IN MET30-PIG2 INTERGENIC
REGION.//4.50E-30//191aa//40%//P40529
- 70 C-NT2RP3003589//Homo sapiens ras-related GTP-binding protein mRNA, complete
cds.//0//3131bp//94%//AF106681
- 75 C-NT2RP3003659//HES1 PROTEIN.//5.90E-22//229aa//27%//P35843
- 80 C-NT2RP3003665//Homo sapiens mRNA for beta-ureidopropionase, complete

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cds./0//1690bp//99%//AB013885

- 5 C-NT2RP3003672//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN)
(CD99) (MIC2 PROTEIN) (12E7).//2.20E-13//146aa//42%//P14209
- 10 C-NT2RP3003701//F-SPONDIN PRECURSOR.//1.80E-17//324aa//26%//P35446
- 15 C-NT2RP3003716//SLIT PROTEIN PRECURSOR.//6.60E-10//150aa//34%//P24014
C-NT2RP3003726//Homo sapiens spermatogenesis associated PD1 mRNA, complete
cds./0//2568bp//99%//U28164
- 20 C-NT2RP3003799//Rattus norvegicus Srg1 (Sytr1) mRNA, complete cds./9.00E-
238//1529bp//84%//U71294
- 25 C-NT2RP3003800//Rattus norvegicus tyrosine protein kinase pp60-c-src mRNA, complete
cds./1.90E-163//924bp//89%//AF130457
- 30 C-NT2RP3003809//SAV PROTEIN.//1.10E-131//576aa//41%//Q07590
- 35 C-NT2RP3003825//PHOSPHATIDYLCHOLINE TRANSFER PROTEIN (PC-TP).//9.60E-
19//174aa//31%//P02720
- 40 C-NT2RP3003831//Homo sapiens ENOGL-1 (alias ENGL-a) mRNA for endonuclease G-
like protein-1, complete cds./2.2e-316//1436bp//99%//AB020523
- 45 C-NT2RP3003846//Homo sapiens mRNA for putative phospholipase, complete cds./4.80E-
277//1255bp//99%//AB019435
- 50 C-NT2RP3003876//Rattus norvegicus Rabin3 mRNA, complete cds./4.50E-
147//874bp//87%//U19181
- 55 C-NT2RP3003914//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
PRECURSOR (EC 2.4.1.-) (DUGT).//2.20E-20//76aa//64%//Q09332
- 45 C-NT2RP3003918//Homo sapiens VAMP-associated protein B (VAP-B) mRNA, complete
cds./0//2191bp//99%//AF086628
- 50 C-NT2RP3004013//M.musculus Spnr mRNA for RNA binding protein.//6.50E-
240//1215bp//94%//X84692
- 55 C-NT2RP3004016//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (NUCLEAR
COREPRESSOR KAP-1) (KRAB-ASSOCIATED PROTEIN 1).//1.50E-17//226aa//26%//Q13263
- C-NT2RP3004078//H.sapiens HRFX2 mRNA.//0//1806bp//99%//X76091

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C-NT2RP3004125//Mus musculus zinc finger protein splice variant FIZ1-B (Fiz1) mRNA, complete cds.//4.60E-229//1560bp//78%//AF126747

5 C-NT2RP3004148//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//7.90E-05//271aa//22%//P08640

10 C-NT2RP3004155//Homo sapiens COQ7 protein mRNA, complete cds.//1.10E-179//823bp//100%//AF098948

15 C-NT2RP3004189//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.30E-14//242aa//24%//Q00808

C-NT2RP3004206//CROOKED NECK PROTEIN.//1.40E-220//567aa//67%//P17886

20 C-NT2RP3004207//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene).//0//2445bp//100%//AJ245820

25 C-NT2RP3004209//Homo sapiens ubiquitin processing protease (Ubp-M) mRNA, complete cds.//0//2320bp//99%//AF126736

30 C-NT2RP3004242//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//4.70E-13//118aa//33%//P52734

C-NT2RP3004258//Homo sapiens ZIS1 mRNA, complete cds.//0//1861bp//99%//AF065391

35 C-NT2RP3004262//Homo sapiens heat shock protein hsp40-3 mRNA, complete cds.//2.40E-248//1126bp//100%//AF088982

40 C-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds.//5.10E-24//597bp//61%//AF007871

45 C-NT2RP3004348//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//1.10E-185//1130bp//82%//X67877

C-NT2RP3004378//Drosophila melanogaster separation anxiety protein (san) mRNA, complete cds.//3.90E-38//462bp//70%//AF225902

50 C-NT2RP3004424//Homo sapiens mRNA for stromal antigen 3 (STAG3 gene).//1.00E-66//364bp//93%//AJ007798

55 C-NT2RP3004428//CHROMODOMAIN HELICASE-DNA-BINDING PROTEIN 4 (CHD-4) (MI-2 AUTOANTIGEN 218 KD PROTEIN) (MI2-BETA).//5.20E-09//212aa//25%//Q14839

C-NT2RP3004472//GERM CELL-LESS PROTEIN.//1.60E-61//170aa//40%//Q01820

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C-NT2RP3004480//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35//3.30E-113//466aa//42%//P34110

5

C-NT2RP3004490//Homo sapiens mRNA for Musashi, complete cds./4.00E-303//1385bp//99%//AB012851

10

C-NT2RP3004498//Mus musculus ROSA 26 transcription AS ROSA26AS mRNA, complete cds./2.00E-249//1777bp//80%//U83176

15

C-NT2RP3004504//M.musculus mRNA for CPEB protein./1.90E-295//893bp//92%//Y08260

20

C-NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1).//3.70E-37//190aa//39%//P40484

25

C-NT2RP3004534//Mouse oncogene (ect2) mRNA, complete cds./0//2075bp//87%//L11316

C-NT2RP3004544//THYROID RECEPTOR INTERACTING PROTEIN 10 (TRIP10) (FRAGMENT).//1.00E-22//1.3aa//53%//Q15642

30

C-NT2RP3004566//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-95//434aa//43%//P51523

35

C-NT2RP3004569//ANKYRIN, BRAIN VARIANT 1 (ANKYRIN B) (ANKYRIN, NONERYTHROID).//3.80E-08//150aa//28%//Q01484

C-NT2RP3004572//Homo sapiens TATA binding protein associated factor (TAFII150) mRNA, complete cds./0//1853bp//99%//AF040701

40

C-NT2RP3004578//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT).//5.50E-12//396aa//23%//P39922

45

C-NT2RP3004594//Homo sapiens mRNA for AND-1 protein./0//1807bp//99%//AJ006266

C-NT2RP3004617//ZINC-BINDING PROTEIN A33.//7.20E-75//464aa//35%//Q02084

50

C-NT2RP3004618//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds./0//3972bp//98%//AF093097

55

C-NT2RP3004669//ETHANOLAMINE KINASE (EC 2.7.1.82) (EASILY SHOCKED PROTEIN).//1.70E-72//254aa//45%//P54352

C-NT2RP3004670//Homo sapiens GN6ST mRNA for N-acetylglucosamine-6-O-sulfotransferase (GlcNAc6ST), complete cds./0//2393bp//99%//AB014679

55

C-NT2RP4000008//CHLORINE CHANNEL PROTEIN P64.//2.60E-98//239aa//64%//P35526

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C-NT2RP4000051//SYNAPTONEMAL COMPLEX PROTEIN SC65./.4.90E-
51//335aa//37%//Q64375

5 C-NT2RP4000078//Homo sapiens mRNA for NS1-binding protein (NS1-BP)
.//0//2160bp//99%//AJ012449

10 C-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial
cds.//0//2161bp//99%//AB011538

15 C-NT2RP4000111//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD
SUBUNIT (CPSF 100 KD SUBUNIT).//0//728aa//99%//Q10568

20 C-NT2RP4000129//Xenopus laevis F-box protein 28 (Fbx28) mRNA, partial cds./.1.40E-
28//296bp//75%//AF176667

25 C-NT2RP4000147//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating
protein mRNA, complete cds./.4.30E-188//1543bp//78%//U35776

30 C-NT2RP4000210//PAIRED AMPHIPATHIC HELIX PROTEIN./.1.00E-71//396aa//36%//P22579

25 C-NT2RP4000212//atrial gland-specific antigen precursor (AGSA).//5.90E-
15//104aa//40%//P15287

35 C-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP)
.//0//1932bp//99%//AJ006470

35 C-NT2RP4000246//NPC DERIVED PROLINE RICH PROTEIN 1 (NDPP-1).//2.70E-
84//208aa//76%//Q03173

40 C-NT2RP4000259//GLUTATHIONE PEROXIDASE.2 (EC 1.11.1.9).//5.50E-
29//153aa//43%//O23968

45 C-NT2RP4000290//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME
1./.3.50E-297//1024aa//55%//P87115

50 C-NT2RP4000323//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN)
.//3.00E-07//101aa//32%//P26372

55 C-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP)
mRNA, complete cds.//0//4782bp//99%//AF044195

C-NT2RP4000370//MITOCHONDRIAL PEPTIDE CHAIN RELEASE FACTOR 1 PRECURSOR
(MRF-1).//2.60E-77//262aa//54%//O75570

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C-NT2RP4000376//Homo sapiens mRNA for phospholipase A2 activating protein.//0//2412bp//99%//AJ238243
5

C-NT2RP4000398//ZINC FINGER PROTEIN 140.//2.90E-110//435aa//50%//P52738

10 C-NT2RP4000415//Drosophila melanogaster fumble (fumble) mRNA, complete cds.//6.20E-19//902bp//57%//AF221546

15 C-NT2RP4000417//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113)(MAN(9)-ALPHA-MANNOSIDASE)(FRAGMENT).//2.60E-51//438aa//33%//P45701

20 C-NT2RP4000449//Homo sapiens sirtuin type 1 (SIRT1) mRNA, complete cds.//0//3143bp//99%//AF083106

25 C-NT2RP4000455//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0.//3.00E-07//175aa//27%//P09309

30 C-NT2RP4000457//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 15 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 15) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 15) (DEUBIQUITINATING ENZYME 15).//2.50E-37//291aa//38%//P50101

35 C-NT2RP4000481//ATP-DEPENDENT RNA HELICASE DOB1 (MRNA TRANSPORT REGULATOR MTR4).//1.90E-67//721aa//29%//Q09475

40 C-NT2RP4000498//MOB1 PROTEIN (MPS1 BINDER 1).//8.80E-50//214aa//50%//P40484

45 C-NT2RP4000518//ATP-DEPENDENT RNA HELICASE ROK1.//1.50E-106//495aa//45%//P45818

50 C-NT2RP4000524//Mus musculus Sec8 mRNA, complete cds.//0//3131bp//87%//AF022962

55 C-NT2RP4000528//NPL4 PROTEIN.//9.80E-86//515aa//37%//P33755

55 C-NT2RP4000556//SUR4 PROTEIN (SRE1 PROTEIN).//7.40E-14//233aa//31%//P40319

55 C-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds.//2.90E-188//863bp//99%//AF067730

55 C-NT2RP4000648//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0.//3.70E-07//175aa//27%//P09309

55 C-NT2RP4000657//SPORE COAT POLYSACCHARIDE BIOSYNTHESIS PROTEIN SPSE.//1.10E-32//350aa//30%//P39625

55 C-NT2RP4000713//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME

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X./1.10E-13//295aa//27%//Q11073

- 5 C-NT2RP4000724//RETROVIRUS-RELATED ENV POLYPROTEIN./.3.20E-
191//199aa//78%//P10267
- 10 C-NT2RP4000737//Mus musculus F-box protein FBL10 mRNA, partial cds./.4.60E-
250//1462bp//84%//AF176524
- 15 C-NT2RP4000781//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC
REGION./.0.00000032//67aa//31%//P53915
- 20 C-NT2RP4000817//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN1,4-
ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//9.80E-
11//503aa//23%//P08640
- 25 C-NT2RP4000837//Homo sapiens mRNA for zinc finger protein SALL1./.4.30E-
94//810bp//65%//Y18265
- 30 C-NT2RP4000839//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1./.8.50E-
21//271aa//28%//Q00808
- 35 C-NT2RP4000855//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE)
(ARGININE AMINOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B).//5.70E-
82//324aa//48%//O09175
- 40 C-NT2RP4000865//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//4.10E-
85//174aa//55%//P16415
- 45 C-NT2RP4000878//MYELOID UPREGULATED PROTEIN./.6.20E-91//173aa//87%//O35682
- 50 C-NT2RP4000879//UBIQUITIN-ACTIVATING ENZYME EI (A1S9 PROTEIN).//9.60E-
96//513aa//42%//P22314
- 55 C-NT2RP4000907//Mouse NLRR-1 mRNA for leucine-rich-repeat protein, complete
cds./.0//2127bp//86%//D45913
- C-NT2RP4000925//FIBROMODULIN PRECURSOR (FM) (COLLAGEN-BINDING 59 KD
PROTEIN).//2.60E-26//227aa//36%//Q06828
- 55 C-NT2RP4000927//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15)
(UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE
DUB-1) (DEUBIQUITINATING ENZYME 1).//1.50E-76//346aa//43%//Q61068
- 55 C-NT2RP4000928//Homo sapiens mRNA for CDS2 protein./.0//2487bp//99%//Y16521
- C-NT2RP4000929//PUTATIVE ATP-DEPENDENT RNA HEUCASE MJ1505./.1.40E-

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07//185aa//25%//Q58900

5 C-NT2RP4000973//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//1.40E-26//90aa//42%//P38660

10 C-NT2RP4000979//Homo sapiens putative HIV-1 infection related protein mRNA, partial cds.//2.30E-81//389bp//100%//AF094583

15 C-NT2RP4000989//UNC-47 PROTEIN.//8.20E-06//173aa//25%//P34579

20 C-NT2RP4000997//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//838aa//87%//P70700

25 C-NT2RP4001004//VACUOLAR PROTEIN 8.//3.70E-16//401aa//26%//P39968

30 C-NT2RP4001010//Rattus norvegicus PSD-95/SAP90-associated protein-4 mRNA, complete cds.//3.50E-257//1377bp//91%//U67140

35 C-NT2RP4001029//Homo sapiens transcription factor LBP-1b (LBP-1) mRNA, complete cds.//0//2002bp//98%//AF198487

40 C-NT2RP4001041//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE).//1.50E-92//443aa//44%//Q09996

45 C-NT2RP4001064//SYNAPTONEMAL COMPLEX PROTEIN SC65.//6.70E-51//335aa//37%//Q64375

50 C-NT2RP4001079//CALCIUM-TRANSPORTING ATPASE 1 (EC 3.6.1.38) (GOLGI CA₂₊-ATPASE).//1.30E-123//563aa//46%//P13586

55 C-NT2RP4001080//Homo sapiens mRNA for Rod1, complete cds.//0//1439bp//99%//AB023967

55 C-NT2RP4001086//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//2.30E-07//474aa//22%//P12036

55 C-NT2RP4001095//DOUBLE-STRANDED RNA-SPECIFIC EDITASE 1 (EC 3.5.-) (DSRNA ADENOSINE DEAMINASE) (RNA EDITING ENZYME 1).//2.60E-17//121aa//36%//P51400

55 C-NT2RP4001117//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//1.90E-115//224aa//100%//P38378

55 C-NT2RP4001122/mPD PROTEIN.//1.40E-65//253aa7/41%//O15736

55 C-NT2RP4001126/TRICHOHYALIN.//2.90E-18//380aa//26%//Q07283

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- C-NT2RP4001143//SUCCINYL-DIAMINOPIMELATE DESUCCINYLASE (EC 3.5.1.18) (SDAP).//2.10E-07//93aa//33%//P44514
5 C-NT2RP4001148//SOF1 PROTEIN//1.30E-104//236aa//52%//P33750
- 10 C-NT2RP4001149//Homo sapiens cleft lip and palate transmembrane protein 1 (CLPTM1) mRNA, complete cds//4.40E-187//731bp//100%//AF037339
- 15 C-NT2RP4001150//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//3.40E-29//385aa//29%//P35331
- 20 C-NT2RP4001174//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//4.70E-29//227aa//35%//P52178
- 25 C-NT2RP4001206//Drosophila melanogaster strawberry notch (sno) mRNA, complete cds//4.40E-104//1460bp//65%//U95760
- 30 C-NT2RP4001207//Homo sapiens Ran binding protein 11 mRNA, complete cds//0//2940bp//99%//AF111109
- 35 C-NT2RP4001213//ZINC FINGER PROTEIN 184 (FRAGMENT).//5.70E-141//511aa//43%//Q99676
- 40 C-NT2RP4001219//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//6.20E-27//90aa//42%//P38660
- 45 C-NT2RP4001228//RING CANAL PROTEIN (KELCH PROTEIN).//1.80E-103//508aa//43%//Q04652
- 50 C-NT2RP4001256//Homo sapiens mRNA for gamma tubulin ring complex protein (76p gene).//0//2006bp//100%//AJ249677
- 55 C-NT2RP4001260//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds//0//1866bp//100%//AF174601
- 55 C-NT2RP4001274//Human transporter protein (g17) mRNA, complete cds//4.40E-58//1196bp//61%//U49082
- 50 C-NT2RP4001276//TRICHOHYALIN.//7.90E-09//126aa//32%//Q07283
- 55 C-NT2RP4001313//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT).//5.90E-17//296aa//29%//P24391
- C-NT2RP4001315//Bos taurus mRNA for Rab5 GDP/GTP exchange factor, Rabex5.//8.50E-

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213//1129bp//92%//AJ001119

5 C-NT2RP4001336//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE
PROTEIN//0.000016//186aa//29%//O24076

10 C-NT2RP4001339//Homo sapiens mRNA for AMMERC1 protein//9.20E-
160//736bp//99%//AJ007014

15 C-NT2RP4001345//Homo sapiens mRNA for LCAT-like lysophospholipase (LLPL), complete
cds//2.7e-310//1400bp//100%//AB017494

20 C-NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog
(Doc1) mRNA, complete cds//1.40E-58//2425bp//59%//U53445

25 C-NT2RP4001372//IRREGULAR CHIASM C-ROUGHEST PROTEIN PRECURSOR (IRREC
PROTEIN)//1.60E-19//222aa//30%//Q08180

30 C-NT2RP4001375//NON-RECEPTOR TYROSINE KINASE SPORE LYSIS A (EC 2.7.1.112)
(TYROSINE- PROTEIN KINASE 1)//9.20E-17//146aa//35%//P18160

35 C-NT2RP4001379//HYPOTHETICAL 49.1 KD PROTEIN C11D3.06 IN CHROMOSOME
I//2.00E-53//436aa//30%//Q10085

40 C-NT2RP4001389//KESIPROTEIN//1.70E-31//342aa//34%//P35844

C-NT2RP4001407//TRICHOHYALIN//1.90E-05//298aa//21%//P22793

45 C-NT2RP4001414//SEPTIN 2 HOMOLOG (FRAGMENT)//7.70E-190//422aa//82%//Q14141

50 C-NT2RP4001433//ZINC FINGER PROTEIN 184 (FRAGMENT)//1.20E-
138//419aa//54%//Q99676

55 C-NT2RP4001474//Xenopus laevis putative Zic3 binding protein mRNA, complete
cds//2.70E-66//738bp//71%//AF129131

45 C-NT2RP4001483//2-OXOGLUTARATE DEHYDROGENASE EI COMPONENT PRECURSOR
(EC 1.2.4.2) (ALPHA-KETOGLUTARATE DEHYDROGENASE)//0//962aa//78%//Q02218

50 C-NT2RP4001498//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1//1.00E-
27//374aa//29%//P39010

55 C-NT2RP4001529//Homo sapiens transcription factor LBP-1b (LBP-1) mRNA, complete
cds//0//2002bp//98%//AF198487

C-NT2RP4001547//HYPOTHETICAL 45.0 KD PROTEIN IN NOT1/CDC39-HMR INTERGENIC
REGION//5.70E-54//242aa//38%//P25656

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C-NT2RP4001551//Homo sapiens chromatin-specific transcription elongation factor FACT
140 kDa subunit mRNA, complete cds.//0//3202bp//99%//AF152961

- 5 C-NT2RP4001555//PUTATIVE ENDONUCLEASE VIII (EC 3.2.-.)//4.70E-
09//216aa//24%//P96902
- 10 C-NT2RP4001567//ARMADILLO SEGMENT POLARITY PROTEIN//5.40E-
07//213aa//26%//Q02453
- 15 C-NT2RP4001568//ZINC FINGER PROTEIN GCS1//1.80E-10//109aa//36%//P35197
- 15 C-NT2RP4001574//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)
.//0//874aa//96%//P53620
- 20 C-NT2RP4001575//Rattus norvegicus mRNA for ARE1 protein.//0//1087bp//87%//AJ223830
- 25 C-NT2RP4001592//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA
LIGASE) (ILERS).//1.70E-141//373aa7/47%//P73505
- 25 C-NT2RP4001634//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//2.80E-
14//652aa//22%//Q02224
- 30 C-NT2RP4001638//DNA REPAIR/TRANSCRIPTION PROTEIN MET18/MMS19//5.10E-
46//234aa//32%//P40469
- 35 C-NT2RP4001644//MYOSIN UGHT CHAIN KINASE (EC 2.7.1.117) (MLCK).//6.40E-
19//111aa//45%//P25323
- 40 C-NT2RP4001656//VACUOLAR BIOGENESIS PROTEIN END1 (PEP5 PROTEIN).//1.10E-
45//310aa//27%//P12868
- 40 C-NT2RP4001696//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD
SUBUNIT (CPSF 100 KD SUBUNIT).//4.00E-10//243aa//25%//Q10568
- 45 C-NT2RP4001725//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT//3.00E-
10//128aa//32%//Q10282
- 50 C-NT2RP4001730//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
PRECURSOR (EC 2.4.1.-) (DUGT).//6.40E-170//1168aa//33%//Q09332
- 55 C-NT2RP4001753//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.90E-
236//665aa//58%//P51523
- 55 C-NT2RP4001760//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR
(RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN).//4.10E-16//263aa//27%//P98174

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C-NT2RP4001790//Homo sapiens zinc finger protein ZFP-95 (ZFP95) mRNA, alternatively spliced, complete cds.//0//3053bp//99%//AF170025

5

C-NT2RP4001822//PLATELET-ENDOTHELIAL TETRASPA^NN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.20E-30//241aa//30%//O35566

10

C-NT2RP4001823//MICROFIBRIL-ASSOCIATED GLYCOPROTEIN 4.//1.10E-19//77aa//54%//P55083

15

C-NT2RP4001838//Homo sapiens CoREST protein (COREST) mRNA, complete cds.//6.30E-99//555bp//73%//AF155595

C-NT2RP4001849//SH3-BINDING PROTEIN 3BP-1.//1.40E-85//489aa//43%//P55194

20

C-NT2RP4001861//HTUCHOHYALIN.//1.00E-35//307aa//34%//P37709

C-NT2RP4001896//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.40E-08//345aa//25%//Q00808

25

C-NT2RP4001927//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.30E-38//258aa//32%//Q12024

30

C-NT2RP4001938//TRANSCRIPTIONAL REPRESSOR CTCF.//9.80E-60//303aa//38%//P49711

35

C-NT2RP4001946//PROTEIN-L-ISOASPARTATE O-METHYLTRANSFERASE (EC 2.1.1.77) (PROTEIN- BETA-ASPARTATE METHYLTRANSFERASE) (PIMT) (PROTEIN L-ISOASPARTYL METHYLTRANSFERASE) (L-ISOASPARTYL PROTEIN CARBOXYL METHYLTRANSFERASE).//1.50E-13//211aa//28%//Q43209

40

C-NT2RP4001950//GLUTAMIC ACID-RICH PROTEIN PRECURSOR.//1.20E-13//356aa//27%//P13816

45

C-NT2RP4001966//Mus musculus ODZ3 (Odz3) mRNA, partial cds.//0//3203bp//87%//AF195418

C-NT2RP4001975//Homo sapiens golgi membrane protein GP73 mRNA, complete cds.//0//3024bp//99%//AF236056

50

C-NT2RP4002018//RING CANAL PROTEIN (KELCH) PROTEIN.//6.90E-24//370aa//27%//Q04652

55

C-NT2RP4002047//GTP-BINDING PROTEIN LEPA.//1.50E-168//601aa//52%//O67618

C-NT2RP4002058//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX

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PROTEIN 13)//1.00E-137//679aa//40%//O43143

- 5 C-NT2RP4002078//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
.//3.00E-150//722aa//39%//Q05481
- 10 C-NT2RP4002081//TRANSCRIPTION INITIATION FACTOR IIA ALPHA AND BETA CHAINS
(TFIILA P35 AND PI 9 SUBUNITS) (TFIILA-42) (TFIIAL).//6.70E-06//250aa//31%//P52655
- 15 C-NT2RP4002408//PROTEIN KINASE CEK1 (EC 2.7.1.-).//1.50E-63//159aa//53%//P38938
- 20 C-NT2RP4002791//NUCLEOPROTEIN TPR.//6.50E-05//659aa//23%//P12270
- 25 C-NT2RP5003461//RLR1 PROTEIN.//9.70E-22//177aa//27%//P53552
- 30 C-NT2RP5003477//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//5.50E-
15//280aa//27%//Q00808
- 35 C-NT2RP5003500//Mus musculus mRNA for heparan sulfate 6-sulfotransferase 2, complete
cds.//1.30E-237//820bp//87%//AB024565
- 40 C-NT2RP5003506//Homo sapiens putative G protein-coupled receptor (RAIG1) mRNA,
complete cds.//0//2289bp//99%//AF095448
- 45 C-NT2RP5003522//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//3.30E-
23//219aa//40%//P37116
- 50 C-OVARC1000001//Homo sapiens mRNA for actin binding protein ABP620, complete
cds.//7.00E-217//683bp//99%//AB029290
- 55 C-OVARC1000006//HISTONE H2A.1.//1.10E-55//117aa//99%//P02262
- 60 C-OVARC1000013//APOPTOTIC PROTEASE ACTIVATING FACTOR 1 (APAF-1).//4.20E-
06//102aa//32%//O14727
- 65 C-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds.//2.60E-
295//1393bp//97%//AF058922
- 70 C-OVARC1000060//EXTRACELLULAR RIBONUCLEASE LE PRECURSOR (EC 3.1.27.1)
(RNASE LE).//3.20E-07//60aa//45 %//P80022
- 75 C-OVARC1000071//Homo sapiens NTF2-related export protein NXT1 (NXT1) mRNA,
complete cds.//1.50E-47//727bp//67%//AF156957
- 80 C-OVARC1000085//Human mRNA for proteasome subunit HC5.//1.00E-
151//699bp//100%//D00761

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C-OVARC1000087//HISTONE MACRO-H2A.1.//1.60E-12//174aa//26%//Q02874

5 C-OVARC1000091//HOST CELL FACTOR C1 (HCF) (VP16 ACCESSORY PROTEIN) (HFC1)
(VCAF) (CFF).//8.40E-14//259aa//30%//P51610

10 C-OVARC1000106//TROPOMYOSIN 1, FUSION PROTEIN
33.//0.000032//165aa//27%//P49455

15 C-OVARC1000139//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15)
(UBIQUITIN THIOESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4)
(DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG).//2.70E-
12//120aa//32%//Q13107

20 C-OVARC1000151//Homo sapiens partial mRNA for putative protein p38 interacting with
transcription factor Spl.//2.50E-95//461bp//98%//AJ242975

25 C-OVARC1000209//Oryza sativa submergence induced protein 2A mRNA, complete
cds.//1.80E-32//511bp//65%//AF068332

30 C-OVARC1000241//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT
INTERACTING PROTEIN) (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//8.20E-
120//351aa//54%//Q16665

35 C-OVARC1000288//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22)
(POLYPEPTIDASE)(LEUCINE AMINOPEPTIDASE IV) (LAPIV) (AMINOPEPTIDASE III)
(AMINOPEPTIDASE YSCI).//5.40E-53//384aa//30%//P14904

40 C-OVARC1000304//PROTEIN MOV-10.//1.10E-249//519aa//87%//P23249

C-OVARC1000309//THREONINE SYNTHASE (EC 4.2.99.2).//2.70E-40//154aa//38%//P29363

45 C-OVARC1000326//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA,
complete cds.//9.20E-148//787bp//76%//U19614

50 C-OVARC1000335//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC
REGION.//5.90E-14//200aa//27%//P40004

C-OVARC1000437//TENSIN.//7.90E-181//340aa//84%//Q04205

55 C-OVARC1000465//PROTEIN TRANSPORT PROTEIN SEC7.//1.20E-
25//227aa//25%//P11075

C-OVARC1000473//DUAL SPECIFICITY PROTEIN PHOSPHATASE 3 (EC 3.1.3.48) (EC
3.1.3.16) (DUAL SPECIFICITY PROTEIN PHOSPHATASE VHR).//3.10E-
10//125aa//35%//P51452

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C-OVARC1000479//Rattus norvegicus mRNA for TIP120, complete
cds.//0//1872bp//89%//D87671

5 C-OVARC1000520//Homo sapiens supervillin mRNA, complete cds.//2.20E-
157//892bp//91%//AF051850

10 C-OVARC1000556//RIBOSOMAL PROTEIN S6 KINASE II ALPHA 2 (EC 2.7.1.-) (S6KII-ALPHA
2) (P90-RSK 2) (RIBOSOMAL S6 KINASE 3) (RSK3) (PP90RSK3).//3.30E-
67//132aa//95%//Q15349

15 C-OVARC1000564//Homo sapiens sorting nexin 5 (SNX5) mRNA, complete cds.//1.0e-
310//1440bp//98%//AF121855

20 C-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2
domain protein, complete cds.//0//1812bp//98%//D43772

25 C-OVARC1000679//Homo sapiens myosin-IYa mRNA, complete
cds.//0//808bp//99%//AF117888

30 C-OVARC1000682//PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-
MANNOSIDASE 1B).//1.10E-209//293aa//95%//P39098

35 C-OVARC1000722//Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase
mRNA, complete cds.//0//759bp//98%//AF038661

40 C-OVARC1000746//MATERNAL STAUFEN.//0.000000017//78aa//48%//P25159

45 C-OVARC1000751//PROBABLE PROTEIN PHOSPHATASE 2C T23F11.1 (EC 3.1.3.16)
(PP2C).//5.60E-11//74aa//37%//P49596

50 C-OVARC1000771//RAS-RELATED PROTEIN RAB-2.//1.10E-46//121aa//79%//P08886

55 C-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR (75 KD
GLUCOSE REGULATED PROTEIN) (GRP 75).//3.90E-46//78aa//98%//O35501

45 C-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC.//2.80E-
258//1183bp//99%//Y17711

50 C-OVARC1000846//NUCLEOLIN (PROTEIN C23).//0.0000097//109aa//30%//P08199

55 C-OVARC1000850//Homo sapiens PB39 mRNA, complete cds.//0//2095bp//99%//AF045584

55 C-OVARC1000862//M.musculus mRNA for FT1.//5.90E-226//1498bp//81%//Z67963

55 C-OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1).//2.20E-50//206aa//52%//P40484

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C-OVARC1000885//OXIDOREDUCTASE UCPA (EC 1.---).//1.30E-32//170aa//34%//P37440

5 C-OVARC1000915//Homo sapiens histone deacetylase 5 mRNA, complete cds.//1.60E-121//591bp//97%//AF132608

10 C-OVARC1000936//COAT PROTEIN GP37 (ENV) PROTEIN GP37
./.0.0000054//135aa//28%//P03398

C-OVARC1000937//S-PHASE ENTRY CYCLIN 6.//4.90E-10//61aabp//49%//P32943

15 C-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//0//1961bp//82%//AB005549

20 C-OVARC1000959//HYPOTHETICAL PROTEIN MJ0933.//1.20E-17//127aa//33%//Q58343

C-OVARC1000999//ANKYRIN HOMOLOG PRECURSOR.//4.10E-11//189aa//32%//Q06527

25 C-OVARC1001034//Mus musculus Fn54 mRNA, partial cds.//1.50E-178//1113bp//86%//AF001533

C-OVARC1001038//Homo sapiens mRNA for Ariadne-2 protein.//0//1172bp//97%//AJ130978

30 C-OVARC1001051//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN EPS15) (AF-1P PROTEIN).//1.10E-08//216aa//23%//P42566

35 C-OVARC1001055//PRE-B CELL ENHANCING FACTOR PRECURSORS.//1.90E-35//76aa//98%//P43490

40 C-OVARC1001065//Homo sapiens CGI-12 protein mRNA, complete cds.//1.00E-215//1027bp//98%//AF132946

C-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds.//0//1819bp//99%//AF082657

45 C-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))-//2.00E-214//769bp//97%//AJ005897

50 C-OVARC1001107//Homo sapiens protein methyltransferase (JBP1) mRNA, complete cds.//6.10E-276//594bp//98%//AF167572

55 C-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds.//5.1e-310//1588bp//93%//AF051782

C-OVARC1001154//Homo sapiens clone 24720 epithelin 1 and 2 mRNA, complete

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cds.//2.30E-296//1561bp//93%//AF055008

5 C-OVARC1001171//Homo sapiens translation initiation factor 3 47 kDa subunit mRNA, complete cds.//5.70E-151//436bp//92%//U94855

C-OVARC1001180//UBIQUITIN-LIKE PROTEIN DSK2.//1.10E-11//221aa//25%//P48510

10 C-OVARC1001200//Mus musculus mRNA for HS1 binding protein 3.//5.80E-88//658bp//80%//AJ132192

15 C-OVARC1001232//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//5.10E-22//83aa//37%//Q10568

20 C-OVARC1001244//H.sapiens mRNA for Drosophila female sterile homeotic (FSH) homologue.//0//1467bp//99%//X62083

25 C-OVARC1001271//NUCLEOLAR TRANSCRIPTION FACTOR 1 (UPSTREAM BINDING FACTOR 1) (UBF-1).//0.0000014//224aa//26%//P25976

30 C-OVARC1001306//N-MYC PROTO-ONCOGENE PROTEIN.//0.00000073//247aa//27%//P18444

C-OVARC1001342//40S RIBOSOMAL PROTEIN S8.//1.40E-110//207aa//99%//P09058

35 C-OVARC1001372//Homo sapiens liprin-alpha4 mRNA, partial cds.//2.00E-252//1146bp//99%//AF034801

40 C-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL.//6.00E-148//683bp//99%//AJ224819

45 C-OVARC1001417//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP170 mRNA, complete cds.//0//1715bp//99%//AF135802

50 C-OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds.//4.90E-48//586bp//69%//U52426

45 C-OVARC1001436//ENL PROTEIN.//0.00000009//81aa//39%//Q03111

55 C-OVARC1001476//Mus musculus YGR163w mRNA homologue, complete cds.//1.80E-187//510bp//89%//AB017616

C-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//0//1876bp//98%//AF016507

55 C-OVARC1001506//POLYCYSTIN PRECURSOR (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE PROTEIN 1).//0//777aa//91%//P98161

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C-OVARC1001555//NGG1-INTERACTING FACTOR 3.//4.40E-19//130aa//40%//P53081

- 5 C-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed
retropseudogene.//0//1167bp//100%//AF031165
- 10 C-OVARC1001610//Homo sapiens choline/ethanolaminephosphotransferase (CEPT1)
mRNA, complete cds.//0//1870bp//99%//AF068302
- 15 C-OVARC1001703//Mus musculus ARL-6 interacting protein-2 (Aip-2) mRNA, complete
cds.//3.50E-16//399bp//61%//AF133670
- 20 C-OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B)
.//2.80E-10//106aa//38%//Q62267
- 25 C-OVARC1001713//ENDOZEPINE-RELATED PROTEIN PRECURSOR (MEMBRANE-
ASSOCIATED DIAZEPAM BINDING INHIBITOR) (MA-DBI).//4.40E-40//195aa//41%//P07106
- 30 C-OVARC1001726//APICAL-LIKE PROTEIN (APXL PROTEIN).//4.30E-
16//116aa//43%//Q13796
- 35 C-OVARC1001731//TROPOMYOSIN ALPHA CHAIN, FIBROBLAST ISOFORM F2.//4.00E-
122//282aa//85%//P08942
- 40 C-OVARC1001762//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-
TERMINAL, ALPHA- AMINO, ACETYLTRANSFERASE 1).//6.40E-85//514aa//34%//P12945
- 45 C-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit
mRNA, complete cds.//0//963bp//99%//U97670
- 50 C-OVARC1001809//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//2.70E-
190//1624bp//76%//AF068748
- 55 C-OVARC1001942//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-
TERMINAL, ALPHA- AMINO, ACETYLTRANSFERASE 1).//3.10E-81//497aa//35%//P12945
- 55 C-OVARC1001943//Mus musculus DEBT-91 mRNA, complete
cds.//0//2035bp//87%//AF143859
- 50 C-OVARC1001987//Homo sapiens prolactin regulatory element-binding protein (PREB)
mRNA, complete cds.//0//1083bp//99%//AF203687
- 55 C-OVARC1002050//Homo sapiens mRNA for actin binding protein ABP620, complete
cds.//0//1019bp//99%//AB029290
- C-OVARC1002112//HISTONE MACRO-H2A.1.//3.00E-174//371aa//90%//Q02874

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C-OVARC1002127//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER 2 (BRAIN DIGOXIN CARRIER PROTEIN) (BRAIN-SPECIFIC ORGANIC ANION TRANSPORTER) (OATP-B1).//5.40E-52//306aa//35%//O35913
5

C-OVARC100213 8//SAP1 PROTEIN.//7.60E-60//128aa//59%//P39955
10 C-OVARC1002156//Danio rerio uridine kinase mRNA, complete cds.//6.00E-16//262bp//64%//AF195851

C-OVARC1002165//3-OXO-5-ALPHA-STEROID 4-DEHYDROGENASE 2 (EC 1.3.99.5)
15 (STEROID 5-ALPHA-REDUCTASE 2) (SR TYPE 2).//7.60E-08//114aa//37%//P31213

C-OVARC1002182//BETA-TRCP (BETA-TRANSDUCIN REPEAT-CONTAINING PROTEIN)
20 (BTRCP).//1.70E-09//207aa//30%//Q91854

C-PLACE1000004//Homo sapiens IDN3-B mRNA, complete
25 cds.//0//2365bp//99%//AB019602

C-PLACE1000007//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3
30 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//1.60E-81//212aa//70%//P34547

C-PLACE1000040//TRANSFORMING PROTEIN P21/K-RAS 2B.//1.40E-17//185aa//32%//P08643
35

C-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//7.90E-54//190bp//94%//L22154

C-PLACE1000066//SSU72 PROTEIN.//1.10E-39//206aa//43%//P53538
40

C-PLACE1000081//Human SEC7 homolog Tic (TIC) mRNA, complete
cds.//0//2077bp//99%//U63127

C-PLACE1000133//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B
45 TRANSCRIPTION FACTOR 3).//1.80E-62//158aa//81%//P20290

C-PLACE1000142//3-HYDROXYBUTYRYL-COA DEHYDRATASE (EC 4.2.1.55)
50 (CROTONASE).//2.80E-29//134aa//43%//P52046

C-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete
55 cds.//1.30E-305//1417bp//98%//AF058291

C-PLACE1000185//Homo sapiens mRNA for N-Acetylglucosamine kinase.//4.90E-258//1183bp//99%//AJ242910

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C-PLACE1000213//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//4.50E-05//197aa//26%//P08640

5

C-PLACE1000383//Homo sapiens mRNA for MTMR1 protein.//0//753bp//99%//AJ224979

10
10

C-PLACE1000401//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//2.70E-30//352aa//31%//P15151

15

C-PLACE1000406//PTB-ASSOCIATED SPLICING FACTOR (PSF).//1.20E-132//334aa//72%//P23246

15

C-PLACE1000420//7,8-DIHYDRO-8-OXOGUANINE TRIPHOSPHATASE (EC 3.1.6.-) (8-OXO-DGTPASE).//2.80E-06//134aa//29%//P53368

20

C-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete cds.//0//2041bp//87%//U35245

25

C-PLACE1000547//Homo sapiens GDP-mannose pyrophosphorylase B (GMPPB) mRNA, complete cds.//3.70E-241//1124bp//98%//AF135421

30

C-PLACE1000583//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//1.60E-47//207aa//46%//P51522

35

C-PLACE1000588//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE- BINDING PROTEIN 1).//1.60E-270//437aa//86%//P32455

40

C-PLACE1000596//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1540bp//99%//AJ012449

45

C-PLACE1000610//MSN5 PROTEIN.//0.0000026//136aa//26%//P52918

40

C-PLACE1000611//Rattus norvegicus neural membrane protein 35 mRNA, complete cds.//2.00E-55//779bp//67%//AF044201

50

C-PLACE1000636//MALE STERILITY PROTEIN 2.//1.20E-39//261aa//27%//Q08891

C-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//0//1992bp//99%//AF180371

50

C-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLC110F1857Q7 (RZPD Berlin)).//2.10E-277//1260bp//99%//AJ005896

55

C-PLACE1000706//Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds.//0//1366bp//99%//AF119043

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C-PLACE1000755//Homo sapiens mRNA for Helicase-MOI, complete cds.//4.60E-250//1189bp//97%//AB028449

5 C-PLACE1000769//Homo sapiens CGI-18 protein mRNA, complete
cds.//0//1985bp//98%//AF132952

10 C-PLACE1000786//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR
(RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//7.10E-09//59aa//47%//P52734

15 C-PLACE1000793//NEUROGENIC PROTEIN BIG BRAIN.//1.70E-07//251aa//24%//P23645
C-PLACE1000863//PUTATIVE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN
YHR148W.//2.50E-49//181aa//54%//P32899

20 C-PLACE1000909//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1.//2.60E-19//404aa//26%//P39010

25 C-PLACE1000977//BETA-CHIMAERIN (BETA-CHIMERIN).//4.40E-22//129aa//35%//Q03070
C-PLACE1000979//ZINC FINGER PROTEIN 135.//2.50E-153//326aa//64%//P52742

30 C-PLACE1000987//Rattus norvegicus late gestation lung 2 protein (Lgl2) mRNA, complete
cds.//5.90E-278//1476bp//92%//AF110195

35 C-PLACE1001036//Homo sapiens mRNA for alpha integrin binding protein 63,
partial.//0//1988bp//99%//AJ131721

C-PLACE1001054//Homo sapiens mRNA for RuvB-like DNA helicase TIP49b, complete
cds.//4.00E-300//1355bp//100%//AB024301

40 C-PLACE1001062//Homo sapiens mRNA for lysine-ketoglutarate reductase/saccharopine
dehydrogenase, partial CDS.//1.60E-207//742bp//99%//AJ007714

45 C-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete
cds.//0//1500bp//99%//AF065485

C-PLACE1001104//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II)
.//6.80E-18//529aa//23%//Q99323

50 C-PLACE1001118//ZINC FINGER PROTEIN 135.//5.40E-147//443aa//57%//P52742

C-PLACE1001171//MYOTUBULARIN.//7.10E-84//198aa//73%//Q13496

55 C-PLACE1001238//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete
cds.//2.00E-202//1333bp//80%//D14336

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- 5 C-PLACE1001257//RING CANAL PROTEIN (KELCH PROTEIN).//4.30E-
54//257aa//46%//Q04652
- 10 C-PLACE1001294//Mus musculus XY body protein (Xybp) mRNA, complete cds.//6.20E-
223//1092bp//78%//AF120207
- 15 C-PLACE1001304//Homo sapiens C2H2 (Kruppel-type) zinc finger protein mRNA, complete
cds.//0//2145bp//99%//AF159567
- 20 C-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds.//5.90E-
228//827bp//99%//AF009615
- 25 C-PLACE1001383//ZINC-FINGER PROTEIN UBI-D4 (APOPTOSIS RESPONSE ZINC FINGER
PROTEIN REQUIEM).//3.00E-33//138aa//42%//Q61103
- 30 C-PLACE1001387//EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE
EPS8.//2.30E-61//132aa//46%//Q12929
- 35 C-PLACE1001517//Homo sapiens gene for glycosylphosphatidylinositol anchor attachment 1
(GPAA1), complete cds.//4.60E-112//392bp//87%//AB002137
- 40 C-PLACE1001602//CCR4-ASSOCIATED FACTOR 1 (CAF1).//5.70E-
130//244aa//99%//Q60809
- 45 C-PLACE1001632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.40E-
118//429aa//48%//P51523
- 50 C-PLACE1001672//PROBABLE AMINOTRANSFERASE T01B11.2 (EC 2.6.1.-).//4.30E-
66//174aa//45%//P91408
- 55 C-PLACE1001692//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC
3.1.2.14) (THIOESTERASE II).//4.00E-81//263aa//56%//P08635
- 60 C-PLACE1001739//PUTATIVE ATP-DEPENDENT RNA HEUCASE PL10.//3.50E-
75//439aa//41%//P16381
- 65 C-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete
cds.//0//2602bp//99%//AF061243
- 70 C-PLACE1001771//Homo sapiens mRNA for transient receptor potential protein
TRP6.//0//2900bp//99%//AJ006276
- 75 C-PLACE1001781//PROBABLE PHOSPHOMANNOMUTASE (EC 5.4.2.8) (PMM).//5.40E-
63//427aa//35%//Q57290

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C-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds://0//1995bp//99%//AF058953

5 C-PLACE1001845//Mus musculus cyclin ania-6a mRNA, complete cds://3.30E-31//925bp//62%//AF159159

10 C-PLACE1001869//L-RIBULOKINASE (EC 2.7.1.16).//2.00E-27//270aa//31%//P94524

15 C-PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds://0//1729bp//99%//AF099935

20 C-PLACE1001983//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION//7.50E-16//319aa//26%//P37908

25 C-PLACE1001989//PUTATIVE AMIDASE (EC 3.5.1.4).//1.40E-78//496aa//37%//Q49091

30 C-PLACE1002046//UGATIN (FRAGMENT).//1.70E-240//560aa//80%//Q61211

35 C-PLACE1002073//ADENYLYATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//5.30E-07//188aa//29%//P49606

40 C-PLACE1002090//SIGNAL RECOGNITION PARTICLE 72 KD PROTEIN (SRP72).//6.50E-58//112aa//100%//O76094

45 C-PLACE1002140//Rattus norvegicus apelin mRNA, complete cds://1.40E-43//425bp//74%//AF179679

50 C-PLACE1002171//TRANSCRIPTION REGULATORY PROTEIN SWI3 (SWI/SNF COMPLEX COMPONENT SWI3) (TRANSCRIPTION FACTOR TYE2).//0.00005//179aa//23%//P32591

55 C-PLACE1002395//Mus musculus mRNA for UBE-1c1, UBE-1c2, UBE-1c3, complete cds://7.90E-100//966bp//75%//AB030505

60 C-PLACE1002433//CHROMOSOME ASSEMBLY PROTEIN XCAP-E.//5.10E-05//278aa//24%//P50533

65 C-PLACE1002437//ATP-BINDING CASSETTE TRANSPORTER 1.//4.50E-76//180aa//83%//P41233

70 C-PLACE1002438//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//4.20E-06//133aa//29%//Q13105

75 C-PLACE1002450//Human zinc finger protein mRNA, complete cds://0//2565bp//99%//U69274

80 C-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete

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cds.//0//2092bp//84%//U69262

5 C-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds.//1.70E-113//545bp//98%//AF042273

10 C-PLACE1002500//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//2.90E-58//465bp//80%//U50927

15 C-PLACE1002532//HOMEobox PROTEIN DLX-5.//1.20E-152//289aa//96%//P70396

20 C-PLACE1002571//ACTIN-LIKE PROTEIN 13E.//5.00E-99//386aa//48%//P45890

25 C-PLACE1002583//GLUTAMATE RECEPTOR, IONOTROPIC KAINATE 2 PRECURSOR (GLUTAMATE RECEPTOR 6) (GLUR-6) (GLUTAMATE RECEPTOR BETA-2) (GLUR BETA-2) (FRAGMENT).//5.60E-34//76aa//98%//P39087

30 C-PLACE1002591//CORONIN-UKE PROTEIN P57.//4.40E-70//208aa//66%//P31146

35 C-PLACE1002598//OLIGORIBONUCLEASE (EC 3.1.-.-).//5.50E-17//76aa//56%//P45340

40 C-PLACE1002655//ADSEVERIN (SCINDERIN) (SC).//2.50E-278//543aa//92%//Q28046

45 C-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//0//2462bp//89%//AF079765

50 C-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds.//0//1750bp//99%//AF068180

55 C-PLACE1002714//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//9.40E-13//500aa//21%//Q99323

60 C-PLACE1002722//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//9.00E-45//305aa//33%//Q15391

65 C-PLACE1002775//PEREGRIN (BR140 PROTEIN).//3.80E-13//272aa//28%//P55201

70 C-PLACE1002782//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//3.80E-43//385bp//77%//U50927

75 C-PLACE1002816//HISTONE DEACETYLASE HDA1.//2.20E-48//217aa//46%//P53973

80 C-PLACE1002834//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//5.50E-203//396aa//86%//P51522

85 C-PLACE1002908//Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds.//0//1654bp//99%//AB028600

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C-PLACE1002991//PUTATIVE AMIDASE (EC 3.5.1.4).//1.40E-78//496aa//37%//Q49091

5 C-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds.//8.50E-44//225bp//100%//AF032387

10 C-PLACE1003045//POLYCYSTIN 2 (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE TYPE II PROTEIN) (POLYCYSTWIN) (R48321).//1.70E-05//150aa//24%//Q13563

C-PLACE1003100//HEP27 PROTEIN (PROTEIN D).//2.60E-79//253aa//60%//Q13268

15 C-PLACE1003174//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//3.80E-37//143aa//51%//P42743

20 C-PLACE1003176//Homo sapiens clone pHN1868 tyrosyl-DNA phosphodiesterase protein (TDP1) mRNA, partial cds.//1.70E-148//687bp//99%//AF182003

C-PLACE1003190//SOF1 PROTEIN.//1.90E-110//325aa//48%//P33750

25 C-PLACE1003238//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//4.90E-76//309aa//47%//Q15391

30 C-PLACE1003258//EARLY EMBRYOGENESIS ZYG-11 PROTEIN.//7.90E-22//70aa//47%//P21541

35 C-PLACE1003302//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//6.90E-206//396aa//86%//P51522

40 C-PLACE10033537//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds.//0//2435bp//99%//U92715

C-PLACE1003366//Homo sapiens otoferlin (OTOF) mRNA, complete cds.//1.40E-78//542bp//67%//AF107403

45 C-PLACE1003394//Homo sapiens RAB14 protein (RAB14) mRNA, complete cds.//2.60E-139//648bp//99%//AF152463

50 C-PLACE1003420//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//1.30E-40//278aa//36%//P40556

C-PLACE1003493//ENDOTHELIAL CELL MULTIMERIN PRECURSOR.//1.70E-23//322aa//26%//Q13201

55 C-PLACE1003519//H.sapiens hnRNP-E2 mRNA.//5.10E-218//905bp//99%//X78136

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C-PLACE1003521//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME
III//0.0000011//101aa//32%//Q09475

5 C-PLACE1003537//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHEROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPONENT).//7.70E-68//404aa//33%//P32802

10 C-PLACE1003596//OLIGOSACCHARYL TRANSFERASE STT3 SUBUNIT HOMOLOG.//2.60E-93//270aa//66%//P46975

15 C-PLACE1003602//Homo sapiens mRNA expressed in placenta.//5.90E-278//1275bp//99%//D83200

20 C-PLACE1003605//HAP5 TRANSCRIPTIONAL ACTIVATOR.//0.00000023//82aa//35%//Q02516

25 C-PLACE1003611//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.//6.20E-169//683bp//99%//AF191338

30 C-PLACE1003625//ARMADILLO SEGMENT POLARITY PROTEIN.//3.20E-10//380aa//25%//P18824

35 C-PLACE1003669//TRICHOHYALIN.//5.60E-09//219aa//30%//P22793

40 C-PLACE1003704//SPLICING FACTOR, ARGinine/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//8.00E-19//209aa//34%//Q08170

45 C-PLACE1003709//Homo sapiens mitotic checkpoint kinase Bub1 (BUB1) mRNA complete cds.//6.20E-282//1316bp//98%//AF053305

50 C-PLACE1003738//ZINC FINGER PROTEIN 135.//9.60E-118//350aa//46%//P52742

55 C-PLACE1003760//Homo sapiens tetraspanin TM4-A mRNA, complete cds.//5.20E-289//1313bp//97%//AF133423

55 C-PLACE1003885//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE).//3.70E-222//651aa//66%//P25500

55 C-PLACE1003888//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT).//6.70E-113//501aa//46%//P10895

55 C-PLACE1003903//CTP SYNTHASE (EC 6.3.4.2) (UTP-AMMONIA LIGASE) (CTP SYNTHETASE).//1.40E-243//584aa//74%//P17812

C-PLACE1003915//PROBABLE ARGINYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.19)

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(ARGININE- -TRNA UGASE) (ARGRS).//2.40E-108//581aa//40%//Q05506

- 5 C-PLACE1003923//Homo sapiens p53 regulated PA26-T2 nuclear protein (PA26) mRNA,
complete cds.//0//1670bp//99%//AF033120
- 10 C-PLACE1003968//5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT (AMPK
GAMMA-1 CHAIN).//2.40E-124//326aa//73%//P80385
- 15 C-PLACE1004104//Rattus norvegicus rsec5 mRNA, complete
cds.//0//2384bp//86%//AF032666
- 20 C-PLACE1004128//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 4
(TRANSDUCIN BETA CHAIN 4).//6.10E-181//340aa//96%//P29387
- 25 C-PLACE1004149//Rattus norvegicus GERp95 mRNA, complete
41//452bp//65%//AF195534
- 30 C-PLACE1004183//Homo sapiens for TOM1-like protein.//0//1279bp//97%//AJ010071
- 35 C-PLACE1004197//BUTYROPHILIN PRECURSOR (BT).//4.50E-10//208aa//27%//Q62556
- 40 C-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor,
mRNA, complete cds.//0//1882bp//99%//AF069493
- 45 C-PLACE1004256//Mus musculus short coiled coil protein SCOCO (Scoc) mRNA, complete
cds.//2.00E-93//960bp//76%//AF115778
- 50 C-PLACE1004258//Homo sapiens vanilloid receptor-like protein 1 (VRL-1)
mRNA//0//1144bp//98%//AF129112
- 55 C-PLACE1004270//TRANSMEMBRANE PROTEASE, SERINE 2 (EC 3.4.21.-).//9.70E-
36//389aa//31%//O15393
- 45 C-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete
cds.//0//1498bp//99%//AF084830
- 50 C-PLACE1004302//SOF1 PROTEIN.//1.90E-110//325aa//48%//P33750
- 55 C-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//0//1767bp//99%//Y11588
- C-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA,
complete cds.//0//2512bp//99%//AF100153
- 55 C-PLACE1004428//PRISTANOYL-COA OXIDASE (EC 1.3.3.-).//1.20E-
39//385aa//33%//Q63448

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- 5 C-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds./0//985bp//99%//U49283
- 10 C-PLACE1004460//MATERNAL TUDOR PROTEIN //0.0000002//218aa//23%//P25823
- 15 C-PLACE1004471//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)7/2.90E-56//276aa//41%//P51522
- 20 C-PLACE1004506//Homo sapiens carboxyl terminal LIM domain protein (CLIM1) mRNA, complete cds./2.10E-16//402bp//62%//U90878
- 25 C-PLACE1004510//Homo sapiens TATA binding protein associated factor (TAFII150) mRNA, complete cds./3.40E-227//1037bp//99%//AF040701
- 30 C-PLACE1004550//Homo sapiens CGI-20 protein mRNA, complete cds./3.50E-274//1305bp//97%//AF132954
- 35 C-PLACE1004564//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//525aa//99%//Q10568
- 40 C-PLACE1004629//PROTEIN OS-9 PRECURSOR./7.70E-18//264aa//32%//Q13438
- 45 C-PLACE1004646//B.taurus mRNA for retinal pigment epithelial membrane receptor p63./4.40E-42//985bp//59%//X66277
- 50 C-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds./1.30E-195//982bp//96%//AF035606
- 55 C-PLACE1004743//PROBABLE N-END-RECOGNIZING PROTEIN (UBIQUITIN-PROTEIN LIGASE E3 COMPONENT) (N- RECOGNIN).//4.40E-35//578aa//27%//O60152
- C-PLACE1004751//Homo sapiens mRNA for alpha2,3-sialyltransferase ST3Gal VI, complete cds./7.10E-224//790bp//98%//AB022918
- C-PLACE1004777//N-CHIMAERIN (NC) (N-CHIMERIN) (ALPHA CHIMERIN) (A-CHIMAERIN).//1.90E-32//259aa//32%//P30337
- C-PLACE1004793//RETROVIRUS-RELATED ENV POLYPROTEIN./5.20E-47//577aa//25%//P10267
- C-PLACE1004804//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//4.70E-65//695aa//29%//Q01631
- C-PLACE1004814//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING

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FACTOR SRP75).//5.90E-19//196aa//36%//Q08170

C-PLACE1004868//MALE STERILITY PROTEIN 27/3.90E-39//261aa//27%//Q08891

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C-PLACE1004902//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//9.30E-11//94aa//47%//O42643

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C-PLACE1004918//L-LACTATE DEHYDROGENASE M CHAIN (EC 1.1.1.27) (LDH-A).//4.90E-48//198aa//44%//P06151

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C-PLACE1004930//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds//0//1853bp//98%//AF099936

C-PLACE1004937//SEL-10 PROTEIN.//6.30E-125//357aa//58%//Q93794

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C-PLACE1004969//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//2.00E-14//205aa//26%//Q11073

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C-PLACE1005052//Homo sapiens CGI-16 protein mRNA, complete cds//6.6e-313//1413bp//99%//AF132950

C-PLACE1005102//RING CANAL PROTEIN (KELCH PROTEIN).//2.60E-56//565aa//30%//Q04652

30

C-PLACE1005176//Homo sapiens hypothalamus protein HT001 mRNA, complete cds//3.90E-212//1040bp//96%//AF113539

35

C-PLACE1005187//APAG PROTEIN.//3.80E-13//122aa//36%//P05636

C-PLACE1005243//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-).//1.30E-27//349aa//32%//Q01577

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C-PLACE1005287//INNER CENTROMERE PROTEIN (INCENP).//2.30E-13//269aa//28%//P53352

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C-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2.00E-111//226aa//92%//P08760

50

C-PLACE1005331//Homo sapiens 7h3 protein mRNA, partial cds//1.20E-226//748bp//95%//AF209931

55

C-PLACE1005373//TRNA PSEUDOURIDINE SYNTHASE B (EC 4.2.1.70) (TRNA PSEUDOURIDINE 55 SYNTHASE) (PSI55 SYNTHASE) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).//8.60E-09//194aa//27%//O33335

C-PLACE1005467//PENICILLIN-BINDING PROTEIN 4* (PBP 4*) (PBP 4A).//1.10E-

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09//93aa//31%//P32959

- 5 C-PLACE1005494//Homo sapiens mRNA for transient receptor potential protein TRP6.//0//1649bp//99%//AJ006276
- 10 C-PLACE1005530//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III.//5.60E-52//173aa//57%//Q09251
- 15 C-PLACE1005549//Homo sapiens mRNA for Rho guanine nucleotide-exchange factor, splice variant NET1A.//7.60E-97//1287bp//67%//AJ010046
- 20 C-PLACE1005557//60S RIBOSOMAL PROTEIN L27.//1.90E-11//60aa//48%//P46288
- 25 C-PLACE1005584//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICPQ (P135 PROTEIN) (IER 2.9/ER2.6).//6.80E-09//267aa//30%//P29128
- 30 C-PLACE1005611//Mus musculus mRNA for mDj10, complete cds.//2.00E-33//379bp//66%//AB028860
- 35 C-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//0//2130bp//99%//AF083255
- 40 C-PLACE1005656//RIBONUCLEOSIDE-DIPHOSPHATE REDUCTASE M2 CHAIN (EC 1.17.4.1) (RIBONUCLEOTIDE REDUCTASE).//2.10E-148//321aa//83%//P31350
- 45 C-PLACE10057277//Homo sapiens STRIN protein (STRIN) mRNA, complete cds.//2.00E-118//378bp//98%//AF162680
- 50 C-PLACE1005739//INTERFERON-GAMMA INDUCIBLE PROTEIN MG11//1.30E-237//585aa//72%//Q60710
- 55 C-PLACE1005763//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14) (THIOESTERASE II).//2.50E-79//209aa//53%//P08635
- 45 C-PLACE1005803//Homo sapiens mRNA for transcription factor (SMIF gene).//0//1985bp//99%//AJ275986
- 50 C-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds.//1.10E-217//994bp//99%//AF027156
- 55 C-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//0//2040bp//99%//AF065482
- 55 C-PLACE1005876//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//730aa//99%//Q10568

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C-PLACE1005890//BEM46 PROTEIN (FRAGMENT).//9.90E-42//224aa//43%//P54069

C-PLACE1005921//AIG1 PROTEIN.//3.00E-31//284aa//31%//P54120

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C-PLACE1005951//Homo sapiens prolactin regulatory element-binding protein (PREB) mRNA, complete cds.//1.10E-264//661bp//99%//AF203687

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C-PLACE1005953//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-).//6.70E-30//198aa//37%//P43636

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C-PLACE1005955//ACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22) (POLYPEPTIDASE)//5.40E-54//455aa//32%//P14904

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C-PLACE1005966//TRANSCRIPTION INITIATION FACTOR TFIID 90 KD SUBUNIT (TAFII-90) 7/1.40E-07//254aa//25%//P38129

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C-PLACE1006003//Homo sapiens CGI-94 protein mRNA, complete cds.//2.40E-177//829bp//99%//AF151852

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C-PLACE1006011//Homo sapiens mRNA for poly(ADP-ribose) polymerase-2.//0//1564bp//99%//AJ236876

35

C-PLACE1006040//Homo sapiens mRNA for alpha endosulfine.//4.70E-161//744bp//99%//X99906

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C-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds.//1.50E-148//681bp//99%//AF039023

45

C-PLACE1006157//E-SELECTIN PRECURSOR (ENDOTHELIAL LEUKOCYTE ADHESION MOLECULE 1) (ELAM-1) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 2) (LECAM2) (CD62E).//2.00E-28//236aa//30%//P98110

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C-PLACE1006167//PAF1 PROTEIN.//7.30E-15//437aa//24%//P38351

55

C-PLACE1006170//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT).//1.70E-169//373aa//88%//P17427

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C-PLACE1006196//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06.//2.70E-116//496aa//48%//Q09747

55

C-PLACE1006239//BONE PROTEOGLYCAN II PRECURSOR (PG-S2) (DECORIN).//2.00E-16//244aa//31%//P28675

C-PLACE1006288//VOLTAGE-DEPENDENT ANION-SELECTIVE CHANNEL PROTEIN 1 (VDAC1) (PLASMALEMMAL PORIN) (OUTER MITOCHONDRIAL MEMBRANE PROTEIN

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PORIN) (PORIN 31HL) (PORIN 31HM).//4.60E-117//147aa//80%//P21796

- 5 C-PLACE1006318//Mus musculus skm-BOP2 (Bop) mRNA, complete cds.//3.00E-07//376bp//59%//U76374
- 10 C-PLACE1006335//Homo sapiens NY-REN-50 antigen mRNA, partial cds.//0//1649bp//99%//AF155112
- 15 C-PLACE1006368//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//1.30E-18//460aa//24%//Q00547
- 20 C-PLACE1006385//Homo sapiens epsin 2a mRNA, complete cds.//0//1168bp//99%//AF062085
- 25 C-PLACE1006438//ZINC FINGER PROTEIN 165.//2.50E-45//122aa//43%//P49910
- 30 C-PLACE1006469//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME).//1.20E-83//313aa//49%//P27550
- 35 C-PLACE1006482//TRANSCRIPTION FACTOR MAFF.//7.70E-55//142aa//85%//Q90595
- 40 C-PLACE1006488//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.10E-229//367aa//96%//Q00004
- 45 C-PLACE1006492//Homo sapiens transmembrane protein 2 (TMEM2) mRNA, complete cds.//0//2618bp//99%//AF137030
- 50 C-PLACE1006506//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.//0//2170bp//99%//AF191338
- 55 C-PLACE1006531//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//0//1967bp//99%//AF093097
- C-PLACE1006534//POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE (EC 2.4.1.41)(PROTEIN-UDP ACETYLGLACTOSAMINYLTRANSFERASE)(UDP-GALNAC: POLYPEPTIDE, N-ACETYLGLACTOSAMINYLTRANSFERASE) (GALNAC-T1).//8.30E-08//100aa//41%//Q10472
- 50 C-PLACE1006552//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT).//1.20E-09//426aa//21%//P39922
- 55 C-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//0//1464bp//99%//U97670
- C-PLACE1006626//Homo sapiens mRNA for Helicase-MOI, complete cds.//0//1760bp//99%//AB028449

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C-PLACE1006678//Homo sapiens mRNA for type II membrane protein, complete cds, clone:
HP10328./.5.80E-24//734bp//62%//AB015630

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C-PLACE1006731//RIBOFLAVIN KINASE (EC 2.7.1.26) (FLAVOKINASE) / FMN
ADENYLYLTRANSFERASE (EC 2.7.7.2) (FAD PYROPHOSPHORYLASE) (FAD SYNTHETASE)
.//6.90E-13//177aa//33%//Q59263

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C-PLACE1006754//BILARY GLYCOPROTEIN 1 PRECURSOR (BGP-1) (ANTIGEN CD66)
(CD66A ANTIGEN).//6.20E-63//191aa//43%//P13688

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C-PLACE1006819//UNE-1 REVERSE TRANSCRIPTASE HOMOLOG./.9.80E-
213//232aa//80%//P08547

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C-PLACE1006829//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15)
(UBIQUITIN THIOESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4)
(DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN).//2.00E-
15//188aa//29%//P35123

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C-PLACE1006878//TRNA-SPlicing ENDONUCLEASE SUBUNIT SEN2 (EC 3.1.27.9)
(TRNA-INTRON ENDONUCLEASE).//1.90E-08//122aa//36%//P16658

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C-PLACE1006917//HSH49 PROTEIN./.5.50E-12//97aa//35%//Q99181

C-PLACE1006935//HYPOTHETICAL 95.2 KD PROTEIN R144.6 IN CHROMOSOME III./.6.70E-
48//278aa//41%//Q10000

35

C-PLACE1006956//ATP-DEPENDENT PERMEASE MDL1./.1.30E-86//522aa//36%//P97998

C-PLACE1006958//Homo sapiens mRNA for heat shock protein apg-1, complete
cds./.0//1770bp//99%//AB023421

40

C-PLACE1007014//36 KD NUCLEOLAR PROTEIN HNP36 (DELAYED-EARLY RESPONSE
PROTEIN 12) (DER12).//3.20E-35//180aa//33%//Q14542

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C-PLACE1007105//Homo sapiens muskelin (MKLN1) mRNA, complete
cds./.0//2449bp//98%//AF047489

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C-PLACE1007140//TRICHOHYALIN./.1.30E-25//816aa//22%//P37709

C-PLACE1007226//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III
OXIDASE (EC 1.----) (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1.00E-
42//370aa//31%//P54304

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C-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1,
complete cds./.6.50E-216//1068bp//96%//D50495

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- C-PLACE1007243//UNC-47 PROTEIN./.1.70E-07//211aa//27%//P34579
- 5 C-PLACE1007257//Homo sapiens mRNA for dia-12c protein./.0//2052bp//99%//Y15908
- C-PLACE1007317//Drosophila melanogaster Adrift (adrift) mRNA, complete cds./.4.10E-
10 17//1037bp//56%//AF117649
- 15 C-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA,
complete cds./.0//2366bp//99%//AF096870
- 20 C-PLACE1007375//PHORBOL ESTER/DIACYLGLYCEROL-BINDING PROTEIN UNC-
13./.0.0000044//127aa//30%//P27715
- 25 C-PLACE1007409//WHTTE PROTEIN./.1.10E-64//428aa//32%//Q17320
- 30 C-PLACE1007416//DIPEPTIDYL PEPTIDASE IV (EC 3.4.14.5) (DPP IV) (T-CELL ACTIVATION
ANTIGEN CD26) (TP103) (ADENOSINE DEAMINASE COMPLEXING PROTEIN-2) (ADABP)
.//8.80E-25//140aa//35%//P27487
- 35 C-PLACE1007488//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR
(RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//5.40E-
53//426aa//33%//P52734
- 40 C-PLACE1007511//KERATIN, TYPE I CYTOSKELETAL 19 (CYTOKERATIN 19) (K19) (CK 19)
.//1.40E-85//385aa//45%//P08728
- 45 C-PLACE1007537//Homo sapiens ankyrin repeat-containing protein ASB-2 mRNA, complete
cds./.8.9e-316//1485bp//98%//AF159164
- C-PLACE1007547//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME
III./.1.00E-49//361aa//36%//P34537
- 50 C-PLACE1007598//ZINC FINGER PROTEIN 184 (FRAGMENT).//1.60E-
143//666aa//44%//Q99676
- 55 C-PLACE1007632//POLIOVIRUS RECEPTOR PRECURSOR //1.00E-
07//228aa//31%//P32506
- C-PLACE1007649//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-
ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//4.50E-
05//197aa//26%//P08640
- C-PLACE1007688//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA
AUTOANTIGEN HOMOLOG).//8.70E-09//279aa//28%//Q26457

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C-PLACE1007697//GCN20 PROTEIN //7.60E-119//717aa//38%//P43535

- 5 C-PLACE1007705//Mus musculus mRNA for Ndr1 related protein Ndr3, complete
cds //1.10E-184//1096bp//82%//AB033922
- 10 C-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete
cds //0//3431bp//99%//AF061243
- 15 C-PLACE1007729//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-) //1.50E-
44//231aa//42%//P10265
- 20 C-PLACE1007791//Homo sapiens IDN3-B mRNA, complete
cds //0//1836bp//99%//AB019602
- 25 C-PLACE1007897//Homo sapiens FLASH mRNA, complete cds //0//2145bp//99%//AF154415
- 30 C-PLACE1007946//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II)
.//2.60E-14//370aa//25%//Q99323
- 35 C-PLACE1007954//HYPOTHETICAL 45.5 KD PROTEIN IN FIG1-GIP1 INTERGENIC
REGION //6.70E-13//168aa//31%//P38226
- 40 C-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete
cds //0//2252bp//99%//AF084530
- 45 C-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA,
partial cds //0//2300bp//99%//AF079529
- 50 C-PLACE1007969//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M)
.//1.10E-36//202aa//48%//P52272
- 55 C-PLACE1008000//CHANNEL ASSOCIATED PROTEIN OF SYNAPSE-110 (CHAPSYN-110)
(SYNAPTIC DENSITY PROTEIN PSD-93) //6.10E-14//128aa//39%//Q63622
- 45 C-PLACE1008044//NUCLEAR PORE COMPLEX PROTEIN NUP107 (NUCLEOPORIN
NUP107) (107 KD NUCLEOPORIN) (P105) //4.6e-318//613aa//94%//P52590
- 50 C-PLACE1008080//Homo sapiens mRNA for HEXIM1 protein, complete
cds //0//2152bp//99%//AB021179
- 55 C-PLACE1008111//PROBABLE OXIDOREDUCTASE (EC 1.---) //3.00E-
25//208aa//37%//Q03326
- 55 C-PLACE1008132//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME
III //1.30E-24//395aa//31%//Q09531

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C-PLACE1008177//TRICHOHYALIN./.2.30E-29//487aa//26%//P37709

C-PLACE1008201//Rattus rattus zinc finger protein, complete cds./.0//2265bp//83%//L23077

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C-PLACE1008244//VEGETABLE INCOMPATIBILITY PROTEIN HET-E-1./.9.50E-21//148aa//38%//Q00808

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C-PLACE1008273//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//1.30E-283//671aa//77%//P53620

15

C-PLACE1008275//DNA REPAIR PROTEIN REV1 (EC 2.7.7.-).//2.30E-18//162aa//37%//P12689

C-PLACE1008309//Rattus norvegicus putative four repeat ion channel mRNA, complete cds./.5.20E-137//672bp//77%//AF078779

20

C-PLACE1008330//EOSINOPHIL LYSOPHOSPHOLIPASE (EC 3.1.1.5) (CHARCOT-LEYDEN CRYSTAL PROTEIN) (LYSOLECITHIN ACYLHYDROLASE) (CLC) (GALACTIN-10).//2.20E-23//94aa//47%//Q05315

25

C-PLACE1008356//Homo sapiens meningioma-expressed antigen 5 (MEA5) mRNA, partial cds.7/.1.90E-170//780bp//100%//AF036144

30

C-PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN).//5.30E-26//309aa//30%//Q04652

C-PLACE1008398//GENE 33 POLYPEPTIDE./.7.30E-114//243aa//87%//P05432

35

C-PLACE1008402//GENERAL VESICULAR TRANSPORT FACTOR P115 (TRAN-SCYTOSIS ASSOCIATED PROTEIN) (TAP).//0//698aa//95%//P41541

40

C-PLACE1008426//RESTIN (CYTOPLASMIC LINKER PROTEIN-170) (CLIP-170).//1.80E-11//365aa//25%//O42184

C-PLACE1008429//ANKYRIN HOMOLOG PRECURSOR./.3.10E-11//189aa//32%//Q06527

45

C-PLACE1008465//Homo sapiens mRNA for rapa-1 (rapa gene).//6.60E-243//1102bp//99%//AJ277275

50

C-PLACE1008533//101 KD MALARIA ANTIGEN (P101) (ACIDIC BASIC REPEAT ANTIGEN).//1.10E-09//62aa//48%//P22620

55

C-PLACE1008603//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NUCLEOPORIN) (P140).//7.80E-236//453aa//96%//P37199

C-PLACE1008627//Homo sapiens mRNA for cysteine-rich

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protein./.0//1850bp//99%//AJ006591

5 C-PLACE1008643//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (III
HEAVY CHAIN H2).//5.20E-90//483aa//38%//O02668

C-PLACE1008650//PRL1/PRL2-LIKE PROTEIN./.2.00E-127//354aa//62%//O13615

10 C-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa
subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete
cds./.0//3002bp//99%//AF03 8406

15 C-PLACE1008790//Homo sapiens importin alpha 7 subunit mRNA, complete
cds./.0//1670bp//99%//AF060543

20 C-PLACE1008808//Homo sapiens mRNA for cell cycle checkpoint protein radIA./.2.30E-
269//1225bp//99%//AJ004974

25 C-PLACE1008813//Rattus norvegicus rsec15 mRNA, complete cds./.8.80E-
268//1171bp//90%//AF032668

25 C-PLACE1009020//NIFS PROTEIN./.3.90E-55//279aa//41%//P12623

30 C-PLACE1009027//Homo sapiens mRNA for doublecortin./.0//1919bp//99%//AJ003112

C-PLACE1009060//BRO1 PROTEIN./.6.70E-19//567aa//24%//P48582

35 C-PLACE1009094//FURIN-LIKE PROTEASE 2 PRECURSOR (EC 3.4.21.75) (FURIN 2)
.//1.90E-44//480aa//30%//P30432

40 C-PLACE1009099//ZINC FINGER PROTEIN 41 (FRAGMENT).//1.10E-
179//452aa//67%//P51814

40 C-PLACE1009113//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3)
mRNA, complete cds./.0//2529bp//99%//AF035586

45 C-PLACE1009130//UBIQUITIN-PROTEIN LIGASE E3A (EC 6.3.2.-) (ONCOGENIC PROTEIN-
ASSOCIATED PROTEIN E6-AP).//2.00E-68//181aa//43%//Q05086

50 C-PLACE1009158//Mus musculus mRNA for death inducer-obliterator-1 (Dio-1).//5.40E-
200//1790bp//75%//AJ238332

55 C-PLACE1009186//Homo sapiens small zinc finger-like protein (TIM9b) mRNA, complete
cds./.9.60E-255//1179bp//98%//AF150105

C-PLACE1009246//POLLEN SPECIFIC PROTEIN SF3./.4.40E-16//82aa//43%//P29675

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C-PLACE1009298//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35././/2.00E-78//262aa//43%//P34110

5 C-PLACE1009308//GLUCOSE REPRESSION MEDIATOR PROTEIN././/4.00E-06//439aa//23%//P14922

10 C-PLACE1009319//Rattus norvegicus outer membrane protein (OMP25) mRNA, complete cds; nuclear gene for mitochondrial product././/2.10E-132//1229bp//75%//AF107295

C-PLACE1009368//METAL HOMEOSTASIS FACTOR ATX27/2.50E-10//151aa//29%//Q12067

15 C-PLACE1009398//ZINC FINGER PROTEIN 135././/6.20E-97//361aa//51%//P52742

C-PLACE1009404//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I././/4.70E-08//165aa//33%//Q09820

20 C-PLACE1009443//Mus musculus F-box protein FBL8 mRNA, complete cds././/1.00E-173//1367bp//77%//AF176523

25 C-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KINASE) (PI4K-ALPHA).//7.80E-71//82aa//89%//P42356

30 C-PLACE1009468//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP).//3.10E-289//550aa//93%//P54319

C-PLACE1009476//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III././/3.90E-40//179aa//37%//P34580

35 C-PLACE1009477//Homo sapiens ubiquitin-fusion degradation protein 2 (UFD2) mRNA, complete cds././/6.60E-147//592bp//99%//AF043117

40 C-PLACE1009524//ARF NUCLEOTIDE-BINDING SITE OPENER (ARNO PROTEIN) (ARF EXCHANGE FACTOR)7/8.10E-99//228aa//75%//Q99418

45 C-PLACE1009571//Homo sapiens PTD002 mRNA, complete cds././/5.90E-185//857bp//99%//AF078857

C-PLACE1009596//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1././/5.10E-54//291aa//40%//Q00808

50 C-PLACE1009622//MATERNAL EFFECT PROTEIN STAUFEN././/1.30E-60//209aa//41%//P25159

55 C-PLACE1009659//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAP1 PROTEIN).//1.50E-285//538aa//99%//P55161

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C-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete
cds://0//1854bp//100%//AF062534

5 C-PLACE1009708//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN
C12G12.13C IN CHROMOSOME I./.7.00E-33//166aa//43%//Q09876

10 C-PLACE1009721//MSF1 PROTEIN./.1.70E-22//176aa//33%//P35200

15 C-PLACE1009731//AIG1 PROTEIN./.1.60E-22//274aa//28%//P54120

15 C-PLACE1009763//Homo sapiens mRNA for Nedd8-activating enzyme hUba3, complete
cds./.4.30E-294//1329bp//100%//AB012190

20 C-PLACE1009798//RLR1 PROTEIN./.1.60E-18//270aa//23%//P53552

25 C-PLACE1009845//WEB1 PROTEIN (PROTEIN TRANSPORT PROTEIN SEC31).//.2.30E-
59//405aa//33%//P38968

25 C-PLACE1009861//CATHEPSIN B-LIKE CYSTEINE PROTEINASE 6 PRECURSOR (EC
3.4.22.-).//6.50E-28//209aa//38%//P43510

30 C-PLACE1009908//HYPOTHETICAL GTP-BINDING PROTEIN IN SEH1-PRP20 INTERGENIC
REGION./.1.90E-108//277aa//43%//P53145

30 C-PLACE1009925//Homo sapiens RNA helicase (RIG-I) mRNA, complete
cds://0//1730bp//99%//AF038963

35 C-PLACE1009992//LIMULUS CLOTTING FACTOR C PRECURSOR (EC 3.4.21.84).//4.60E-
59//450aa//34%//P28175

40 C-PLACE1009997//Rattus norvegicus A-kinase anchoring protein AKAP 220 mRNA,
complete cds./.5.20E-70//736bp//73 %//U48288

45 C-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein./.6.00E-
279//1402bp//94%//X84692

45 C-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete
cds://0//2019bp//99%//AF065482

50 C-PLACE1010096//100 KD PROTEIN (EC 6.3.2.-).//1.40E-268//506aa//98%//Q62671

55 C-PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN).//7.30E-
114//537aa//44%//Q04652

55 C-PLACE1010134//TRANSCRIPTION REGULATORY PROTEIN SNF2 (SWI/SNF COMPLEX
COMPONENT SNF2) (REGULATORY PROTEIN SWI2) (REGULATORY PROTEIN GAM1)

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(TRANSCRIPTION FACTOR TYE3).//1.70E-20//156aa//42%//P22082

- 5 C-PLACE1010148//CYUCIN I (MULTIPLE-BAND POLYPEPTIDE I).//4.60E-07//431aa//23%//P35662
- 10 C-PLACE1010194//SPLICING FACTOR, ARGinine/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35) (SPUCING COMPONENT, 35 KD) (PR264 PROTEIN).//9.80E-11//95aa//49%//Q01130
- 15 C-PLACE1010231//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR).//5.1 OE-27//371aa//28%//Q14246
- 20 C-PLACE1010261//SEGREGATION DISTORTER PROTEIN.//1.60E-77//214aa//62%//P25722
- 25 C-PLACE1010310//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).//1.20E-18//467aa//30%//P46804
- 30 C-PLACE1010321//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//1.10E-09//350aa//22%//P52178
- 35 C-PLACE1010362//1-PHOSPHATIDYLINOSITOL PHOSPHODIESTERASE PRECURSOR (EC 3.1.4.10) (PHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C) (PI-PLC).//2.00E-09//126aa//29%//P34024
- 40 C-PLACE1010481//Bos taurus C5-glucuronyl epimerase mRNA, partial cds//0//2082bp//91%//AF003927
- 45 C-PLACE1010522//Homo sapiens mRNA for DEPP (decidual protein induced by progesterone), complete cds.//0//1981 bp//99%//AB022718
- 50 C-PLACE1010529//Homo sapiens TANK binding kinase TBK1 (TBK1) mRNA, complete cds.//0//1750bp//99%//AF191838
- 55 C-PLACE1010547//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//1.20E-07//616aa//24%//P25386
- C-PLACE1010579//Homo sapiens CED-6 protein (CED-6) mRNA, complete cds.//8.80E-300//1359bp//99%//AF191771
- 50 C-PLACE1010599//Homo sapiens Pex14 mRNA for peroxisomal membrane anchor protein, complete cds.//0//1904bp//99%//AB017546
- 55 C-PLACE1010622//TROPONIN T, CARDIAC MUSCLE ISOFORMS (TNTC).//0.00000016//120aa//28%//P02642
- C-PLACE1010628//Homo sapiens S164 gene, partial cds; PS1 and hypothetical protein

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genes, complete cds; and S171 gene, partial cds./I7.50E-08//324bp//64%//AF109907

C-PLACE1010661//TESTIS-SPECIFIC PROTEIN PBS 13./I5.70E-75//423aa//39%//Q01755

5

C-PLACE1010662//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//I1.80E-222//808aa//52%//Q09332

10

C-PLACE1010702//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//I5.20E-151//427aa//55%//P28160

15

C-PLACE1010720//Homo sapiens mRNA for chromosome-associated polypeptide-C, complete cds./I4.00E-299//1091bp//99%//AB019987

20

C-PLACE1010743//Homo sapiens myosin-IXb splice variant (Myo9b) mRNA, partial cds./I8.90E-91//668bp//82%//AF020267

25

C-PLACE1010761//Homo sapiens mRNA for cisplatin resistance-associated overexpressed protein, complete cds./I0//1448bp//99%//AB034205

30

C-PLACE1010771//M.musculus HCNGP mRNA./I7.40E-168//966bp//89%//X68061
C-PLACE1010811//Rattus norvegicus mRNA for protein encoded by bdeight gene, partial./I1.60E-217//858bp//87%//AJ010392

35

C-PLACE1010833//CALTRACTIN(CENTRIN).//0.0000001//154aa//28%//P41209

40

C-PLACE1010870//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//I1.30E-143//407aa//58%//Q05481

C-PLACE1010896//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//I1.50E-25//583aa//23%//P35580

45

C-PLACE1010926//HYPOTHETICAL 72.2 KD PROTEIN C12C2.05C IN CHROMOSOME II./I7.60E-23//103aa//53%//Q09746

50

C-PLACE1010942//Homo sapiens intersectin long isoform (ITSN) mRNA, complete cds./I0//1440bp//99%//AF114487

C-PLACE1010960//ACTIN-LIKE PROTEIN 13E./I5.30E-98//297aa//48%//P45890

55

C-PLACE1011041//Homo sapiens mRNA for BAP2-alpha protein, complete cds./I0//1701bp//97%//AB015019

C-PLACE1011046//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 1 (EC 3.1.4.11) (PLC-BETA-1) (PHOSPHOLIPASE C-BETA-1) (PLC-I) (PLC-154).//I0//646aa//97%//P10894

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- C-PLACE1011056//HISTONE HI, GONADAL./.6.80E-13//154aa/37%//P02256
- 5 C-PLACE1011109//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEFG)
.//1.50E-22//63aa/88%//Q07803
- 10 C-PLACE1011114//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1./.2.90E-
71//190aa/44%//Q03532
- C-PLACE1011160//Homo sapiens HFB30 mRNA, complete cds./0//1691bp/99%//AB022663
- 15 C-PLACE1011185//INSERTION ELEMENT IS1 PROTEIN INSB./1.30E-
89//167aa/100%//P03830
- 20 C-PLACE1011219//PROBABLE OXIDOREDUCTASE (EC 1.-.-.)//3.20E-
12//212aa/29%//Q03326
- C-PLACE1011229//Homo sapiens ubiquitin-specific protease homolog (UPH) mRNA,
complete cds./2.30E-152//701bp/99%//AF153604
- 25 C-PLACE1011310//MYOSIN HEAVY CHAIN, GIZZARD SMOOTH MUSCLE./.3.50E-
20//496aa/25%//P10587
- 30 C-PLACE1011332//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA,
complete cds./7.20E-151//697bp/99%//AF102265
- 35 C-PLACE1011340//Homo sapiens IDN3-B mRNA, complete cds./1.20E-
74//380bp/97%//AB019602
- C-PLACE1011371//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI
HEAVY CHAIN H2).//1.70E-78//383aa/39%//Q61703
- 40 C-PLACE1011399//Homo sapiens CGI-72 protein mRNA, complete cds./3.20E-
90//427bp/99%//AF151830
- 45 C-PLACE1011433//TRANSCRIPTION FACTOR IIIA (FACTOR A) (TFIIIA).//3.00E-
10//236aa/25%//P34695
- 50 C-PLACE1011477//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete
cds./0//2040bp/99%//AF065482
- C-PLACE1011492//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR
PRECURSOR (CTPT).//4.90E-11//147aa/32%//P52178
- 55 C-PLACE1011576//Human Kruppel related zinc finger protein (HTF10) mRNA, complete
cds./0//1791bp/82%//L11672

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- C-PLACE1011586//Rattus norvegicus clone C53 CDK5 activator-binding protein mRNA, complete cds//4.10E-259//1538bp//87%//AF177476
5
- C-PLACE1011635//Homo sapiens heparan sulfate D-glucosaminyl 3-O-sulfotransferase-3B (3OST3B1) mRNA, complete cds//0//1559bp//99%//AF105377
10
- C-PLACE1011664//CROOKED NECK PROTEIN//1.60E-187//505aa//64%//P17886
- C-PLACE1011858//Homo sapiens BAG-family molecular chaperone regulator-2 mRNA, complete cds//1.30E-255//1179bp//99%//AF095192
15
- C-PLACE1011896//Mus musculus Wnt10a mRNA, complete cds//2.60E-287//1820bp//85%//U61969
- C-PLACE1011922//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B)//1.30E-15//409aa//27%//P35580
20
- C-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds//0//2782bp//99%//AF059617
25
- C-PLACE101-2031//Homo sapiens sorting nexin 13 (SNX13) mRNA, partial cds//0//1701bp//100%//AF121862
30
- C-PLACE2000014//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III//2.60E-42//104aa//49%//Q09475
- C-PLACE2000015//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN EPS15) (AF-1P PROTEIN)//1.10E-116//364aa//45%//P42566
35
- C-PLACE2000021//Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, complete cds//2.70E-107//981bp//74%//AF082556
40
- C-PLACE2000034//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48)//2.20E-29//212aa//35%//P10586
45
- C-PLACE2000039//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC) (MAP 1C)//6.10E-293//388aa//99%//P38650
- C-PLACE2000062//Homo sapiens mRNA for type II membrane protein similar to HIV gp120-binding C-type lectin, complete cds, clone:HP01347//6.30E-166//656bp//94%//AB015629
50
- C-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds//0//3174bp//99%//AF027219
55
- C-PLACE2000164//TIPD PROTEIN//2.10E-59//481aa//33%//O15736

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C-PLACE2000216//SPECTRIN BETA CHAIN, BRAIN (SPECTRIN, NON-ERYTHROID BETA CHAIN) (FODRIN BETA CHAIN) (SPTBN1).//6.60E-115//226aa//99%//Q01082

5

C-PLACE2000246//RING CANAL PROTEIN (KELCH PROTEIN).//6.00E-57//239aa//34%//Q04652

10

C-PLACE2000274//DYNEIN BETA CHAIN, CILIARY.//2.20E-167//880aa//37%//P23098

C-PLACE2000341//Homo sapiens sodium-dependent multivitamin transporter (SMVT) mRNA, complete cds.//0//1554bp//99%//AF069307

15

C-PLACE2000371/TENSIN.//2.90E-78//561aa//37%//Q04205

C-PLACE2000373//F-SPONDIN PRECURSOR.//8.60E-16//371aa//28%//P35446

20

C-PLACE2000398//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//6.30E-37//90aa//98%//P10586

25

C-PLACE2000399//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7).//1.60E-14//180aa//39%//P14209

30

C-PLACE2000404//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE) (LEURS).//9.90E-229//821aa//54%//Q09996

C-PLACE2000411//Homo sapiens epsin 2b mRNA, complete cds.//3.80E-271//642bp//99%//AF062085

35

C-PLACE2000427//PROBABLE HELICASE MOT1.//1.20E-26//200aa//27%//P32333

40

C-PLACE2000438//POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN- UDP ACETYLGLACTOSAMINYLTRANSFERASE) (UDP-GALNAC: POLYPEPTIDE, N- ACETYLGLACTOSAMINYLTRANSFERASE) (GALNAC-T1).//2.10E-86//348aa//41%//Q10472

45

C-PLACE2000458//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//2.50E-25//165aa//40%//P33450

50

C-PLACE2000477//Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds.//6.70E-127//671bp//94%//AF072733

C-PLACE3000009//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1)(FRAGMENT).//3.50E-30//400aa//30%//P11414

55

C-PLACE3000020//Homo sapiens type III adenylyl cyclase (AC-III) mRNA, complete cds.//0//2253bp//99%//AF033861

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C-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme //0//1979bp//90%//Y17267
5

C-PLACE3000121//VESICULAR TRAFFIC CONTROL PROTEIN SEC157/1.90E-08//281aa//22%//P22224
10

C-PLACE3000145//TENSIN//1.00E-108//277aa//75%//Q04205
15

C-PLACE3000147//Homo sapiens metalloproteinase with thrombospondin type 1 motifs ADAMTS1 (ADAMTS1) mRNA, complete cds //0//2043bp//99%//AF170084
15

C-PLACE3000169//ZINC FINGER PROTEIN 135//2.50E-90//358aa//47%//P52742
20

C-PLACE3000218//Homo sapiens putative protein O-mannosyltransferase (POMT2) mRNA, complete cds //0//1862bp//98%//AF105020
20

C-PLACE3000242//Human trophinin mRNA, complete cds //0//2290bp//99%//U04811
25

C-PLACE3000244//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) //0//1435aa//92%//P53995
25

C-PLACE3000254//Homo sapiens transcriptional activator SRCAP (SRCAP) mRNA, complete cds //0//4583bp//83%//AF143946
30

C-PLACE3000339//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) //9.60E-08//359aa//23%//P08640
35

C-PLACE3000350//SERINE/THREONINE-PROTEIN KINASE SULU (EC 2.7.1.-) //1.00E-54//418aa//38%//P46549
40

C-PLACE3000416//Homo sapiens mRNA for actin binding protein ABP620, complete cds //1.80E-141//565bp//98%//AB029290
45

C-PLACE3000477//Homo sapiens phosphoprotein pp75 mRNA, partial cds //0//3012bp//98%//AF153085
45

C-PLACE4000009//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B) //2.90E-54//626aa//29%//P35580
50

C-PLACE4000014//X-LINKED HEUCASE II (X-LINKED NUCLEAR PROTEIN) (XNP) //3.10E-11//348aa//41%//P46100
55

C-PLACE4000052//Homo sapiens ATP cassette binding transporter 1 (ABC1) mRNA, complete cds //0//4661bp//99%//AF165281

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- 5 C-PLACE4000063//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//1.70E-15//740aa//23%//P08640
- 10 C-PLACE4000100//Homo sapiens hydroxypyruvate reductase (GRHPR) gene, complete cds.//0//4199bp//97%//AF146689
- 15 C-PLACE4000128//Mus musculus putative transcription factor mRNA, complete cds.//1.60E-86//190aabp//88%//AF091234
- 20 C-PLACE4000156//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7) .//1.40E-235//516aa//51%//Q05481
- 25 C-PLACE4000192//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654).//7.00E-22//369aa//25%//P52746
- 30 C-PLACE4000211//Homo sapiens BAZ2A mRNA for bromodomain adjacent to zinc finger domain 2A, complete cds.//0//5709bp//96%//AB032254
- 35 C-PLACE4000230//Mus musculus semaphorin Vla mRNA, complete cds.//0//2567bp//88%//AF030430
- 40 C-PLACE4000259//H.sapiens gene for U5 snRNP-specific 200KD protm.//0//5143bp//90%//Z70200
- 45 C-PLACE4000261//PEREGRIN (BR140 PROTEIN).//9.50E-10//128aa//34%//P55201
- 50 C-PLACE4000269//Rattus norvegicus rexo70 mRNA, complete cds.//0//2034bp//89%//AF032667
- 55 C-PLACE4000326//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT SUPPRESSOR 1).//8.10E-24//319aa//31%//P30771
- C-PLACE4000369//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP240 mRNA, complete cds.//1.40E-185//1135bp//67%//AF117754
- 50 C-PLACE4000401//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- ACTIVATING ENZYME).//7.20E-22//54aa//62%//Q01576
- 55 C-PLACE4000431//H.sapiens gene for U5 snRNP-specific 200KD protein.//0//5142bp//90%//Z70200
- 55 C-PLACE4000450//Homo sapiens BAZ2A mRNA for bromodomain adjacent to zinc finger domain 2A, complete cds.//0//5709bp//96%//AB032254

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C-PLACE4000489//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIVITY) (TRANSCRIPTION FACTOR NTF-1)7/5.70E-60//254aa//44%//P13002

- 5 C-PLACE4000522//NEUROGENIC LOCUS NOTCH PROTEIN HOMOLOG PRECURSOR (XOTCH PROTEIN).//2.40E-191//828aa//48%//P21783
- 10 C-PLACE4000548//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//8.70E-13//784aa//21%//P08640
- 15 C-PLACE4000558//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAF (EC 3.1.2.15) (UBIQUITIN THIOESTERASE FAF) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE FAF) (DEUBIQUITINATING ENZYME FAF) (FAT FACETS PROTEIN).//1.50E-26//252aa//35%//P55824
- 20 C-PLACE4000581//FIBROPELLIN I PRECURSOR (EPIDERMAL GROWTH FACTOR-RELATED PROTEIN 1) (UEGF-1).//9.30E-70//226aa//52%//P10079
- 25 C-PLACE4000650//TUBERIN (TUBEROUS SCLEROSIS 2 HOMOLOG PROTEIN).//7.90E-17//201aa//34%//P49816
- 30 C-PLACE4000654//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//6340bp//87%//Y17267
- 35 C-SKNMC1000011//PUTATIVE IMPORTIN BETA-4 SUBUNIT (KARYOPHERIN BETA-4 SUBUNIT).//5.50E-35//431aa//29%//O60100
- 40 C-SKNMC1000046//Homo sapiens liprin-alpha3 mRNA, partial cds.//1.90E-162//749bp//99%//AF034800
- 45 C-SKNMC1000050//CALPAIN 2, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (M-TYPE).//3.20E-41//87aa//98%//P17655
- 50 C-SKNMC1000091//Homo sapiens mRNA for leucine-zipper protein, complete cds.//6.10E-190//872bp//99%//AB021663
- 55 C-THYRO1000034//TRICHOHYALIN.//9.40E-10//176aa//30%//P37709
- C-THYRO1000072//MYOSIN UGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//3.40E-16//201aa//29%//P11799
- C-THYRO1000085//PAIRED BOX PROTEIN PAX-8, ISOFORMS 8A/8B.//2.00E-72//155aa//92%//Q06710

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- C-THYRO1000121//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete
5 cds.//0//1737bp//87%//U49055
- C-THYRO1000132//Homo sapiens echinoderm microtubule-associated protein homolog
10 HuEMAP mRNA, complete cds.//1.10E-159//824bp//95%//U97018
- C-THYRO1000173//Homo sapiens AP-mu chain family member mulB (HSMU1B) mRNA,
15 complete cds.//0//1713bp//99%//AF020797
- C-THYRO1000197//Homo sapiens mRNA for poly(A)-specific
15 ribonuclease.//0//2362bp//99%//AJ005698
- C-THYRO1000242//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.00E-
20 118//239aa//66%//P51523
- C-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete
25 cds.//0//2161bp//99%//AB016068
- C-THY-RO1000327//Homo sapiens autocrine motility factor receptor (AMFR) mRNA,
30 complete cds.//0//1567bp//99%//AF124145
- C-THYRO1000343//ATROPHIN-1 (DENTATORUBRAL-PALUDOLYSIAN ATROPHY
PROTEIN).//4.90E-06//280aa//31%//P54259
- C-THYRO1000358//SELENIUM-BINDING LIVER PROTEIN.//2.30E-229//237aa//79%//P17563
- C-THYRO1000394//Homo sapiens peroxisomal membrane protein PMP 24 mRNA, complete
35 cds.//1.20E-299//1325bp//99%//AF072864
- C-THYRO1000395//Homo sapiens actin-binding protein (IPP) mRNA, complete
40 cds.//0//2092bp//99%//AF156857
- C-THYRO1000401//Human TcD37 homolog (HTcD37) mRNA, partial cds.//1.10E-
45 90//430bp//99%//U67085
- C-THYRO1000488//Homo sapiens HFB30 mRNA, complete
50 cds.//0//2254bp//100%//AB022663
- C-THYRO1000501//52 KD RO PROTEIN (SJOGEN SYNDROME TYPE A ANTIGEN (SS-A))
55 (RO(SS-A)).//4.20E-98//408aa//42%//P19474
- C-THYRO1000569//Mus musculus hematopoietic zinc finger protein mRNA, complete
55 cds.//0//1557bp//91%//AF118566
- C-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete

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cds..//0//1901bp//99%//AF075587

5 C-THYRO1000605//Homo sapiens histone acetyltransferase (HBOa) mRNA, complete
cds..//0//3080bp//99%//AF140360

10 C-THYRO1000662//Homo sapiens XPV mRNA for DNA polymerase eta, complete
cds..//0//2341 bp//99%//AB024313

15 C-THYRO1000666//Mus musculus mRNA for kinesin like protein
9..//0//2001bp//86%//AJ132889

20 C-THYRO1000684//Homo sapiens BAG-family molecular chaperone regulator-5 mRNA,
complete cds..//0//3347bp//99%//AF095195

25 C-THYRO1000748//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131).//3.30E-
96//335aa//52%//P98171

30 C-THYRO1000756//ALPHA-N-ACETYLGLACTOSAMINIDE ALPHA-2,6-SIALYLTRANSFERASE (EC 2.4.99.-) (ST6GALNACIII)(STY).//1.80E-55//243aa//42%//Q64686

35 C-THYRO1000783//Xenopus laevis tail-specific thyroid hormone up-regulated (gene 5) mRNA, complete cds..//2.40E-157//1656bp//70%//U37373

40 C-THYRO1000852//Human branched-chain amino acid aminotransferase (ECA40) mRNA,
complete cds..//1.40E-137//689bp//96%//U62739

45 C-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA,
partial cds..//0//2387bp//99%//AF079529

50 C-THYRO11000934//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C
REDUCTASE).//7.50E-57//315aa//43%//P32322

55 C-THYRO1000951//DIHYDROXYACETONE KINASE 2 (EC 2.7.1.29) (GLYCERONE KINASE)
.//5.00E-83//566aa//37%//P43550

60 C-THYRO1000983//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19)
(UBIQUITIN-PROTEIN LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//6.30E-
17//143aa//39%//P35132

65 C-THYRO1001003//UBIQUITIN-CONJUGATING ENZYME E2-21.2 KD (EC 6.3.2.19)
(UBIQUITIN-PROTEIN UGASE) (UBIQUITIN CARRIER PROTEIN).//5.90E-
14//84aa//41%//P52491

70 C-THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP 3521.//8.40E-
12//167aa//29%//P31948

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C-THYRO1001100//ZINC FINGER X-UNKED PROTEIN ZXDA (FRAGMENT).//1.20E-67//245aa//62%//P98168

5 C-THYRO1001120//Homo sapiens deltex (Dx) mRNA, complete cds./1.30E-110//1947bp//65%//AF053700

10 C-THYRO1001134//Homo sapiens CGI-78 protein mRNA, complete cds./0//1898bp//99%//AF151835

C-THYRO1001189//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.10E-200//546aa//62%//Q05481

15 C-THYRO1001204//Homo sapiens cathepsin Z precursor (CTSZ) gene, exons 4, 5, and 6 and complete cds; and TH1 gene partial sequence./3.80E-100//478bp//99%//AF136276

20 C-THYRO1001287//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113) (MAN(9)-ALPHA-MANNOSIDASE) (FRAGMENT).//3.40E-51//429aa//33%//P45701

25 C-THYRO1001313//Homo sapiens sorting nexin 11 (SNX11) mRNA, complete cds./0//2330bp//94%//AF121861

C-THYRO1001347//Homo sapiens RAN binding protein 16 mRNA, complete cds./2.00E-263//3101bp//68%//AF064729

30 C-THYRO1001374//CYTOSOLIC ACYL COENZYME A THIOESTER HYDROLASE (EC 3.1.2.2) (LONG CHAIN ACYL-COA THIOESTER HYDROLASE) (CTE-II).//1.80E-13//361aa//22%//O00154

35 C-THYRO1001405//PLECTIN./6.90E-19//450aa//27%//P30427

40 C-THYRO1001406//PUTATIVE STEROID DEHYDROGENASE KIK-I (EC 1.1.1.-).//1.10E-131//219aa//81%//O70503

C-THYRO1001458//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//2.70E-171//559aa//59%//P35580

45 C-THYRO1001617//Homo sapiens cDNA for dihydroxyacetone phosphate acyltransferase (DAP-AT).//0//1784bp//99%//AJ002190

50 C-THYRO1001656//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds./4.10E-273//1947bp//82%//AF175968

55 C-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform./0//1820bp//99%//AJ225089

C-THYRO1001703//NIFR3-LIKEPROTEIN./2.90E-32//282aa//32%//P45672

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C-THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN).//9.30E-
34//220aa//38%//Q04652
5 C-THYRO1001738//TUBULIN-TYROSINE LIGASE (EC 6.3.2.25) (TTL).//2.40E-
20//217aa//30%//P38584
10 C-THYRO1001809//MYOCYTE NUCLEAR FACTOR (MNF).//1.40E-74//158aa//89%//P42128
C-Y79AA1000013//Mus musculus RING finger protein A07 mRNA, complete cds.//8.90E-
205//1435bp//81%//AF171060
15 C-Y79AA1000033//Homo sapiens CARD4 mRNA, complete cds.//0//2929bp//96%//AF126484
C-Y79AA1000037//DNA-BINDING PROTEIN BMI-1.//2.40E-30//80aa//60%//P25916
20 C-Y79AA1000059//Homo sapiens aryl-hydrocarbon interacting protein-like 1 (AIPL1) gene,
complete cds.//0//980bp//96%//AF180472
25 C-Y79AA1000181//Homo sapiens CGI-01 protein mRNA, complete
cds.//0//1858bp//99%//AF132936
C-Y79AA1000214//Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete
30 cds.//7.10E-71//345bp//100%//AF081192
C-Y79AA1000231//Homo sapiens nucleolar protein NOP5/NOP58 mRNA, complete
cds.//0//1515bp//99%//AF123534
35 C-Y79AA1000268//Mus musculus Nip21 mRNA, complete cds.//2.10E-
50//648bp//64%//AF035207
40 C-Y79AA1000313//CALPHOTIN.//0.000011//336aa//23%//Q02910
C-Y79AA1000328//SEL-10 PROTEIN.//0.00000067//219aa//25%//Q93794
45 C-Y79AA1000342//Homo sapiens Ciz1 mRNA, complete cds.//0//2644bp//81%//AB030835
C-Y79AA1000346//Homo sapiens nonclathrin coat protein gamma2-COP mRNA, complete
50 cds.//0//2520bp//99%//AF157833
C-Y79AA1000349//M.musculus Spnr mRNA for RNA binding
protein.//0//2048bp//93%//X84692
55 C-Y79AA1000368//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//4.00E-
20//261aa//27%//P25343

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C-Y79AA1000469//Mus musculus ancient ubiquitous 46 kDa protein AUP1 precursor (Aup1) mRNA, complete cds./.8.30E-252//1207bp//85%//U41736

5 C-Y79AA1000540//CELL POLARITY PROTEIN TEA1./.2.10E-12//211aa//33%//P87061

10 C-Y79AA1000560//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT)7/0//652aa//98%//P17427

15 C-Y79AA1000589//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION./.2.40E-27//216aa//34%//P28320

15 C-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds./.2.00E-287//2031bp//82%//AF060503

20 C-Y79AA1000705//M.musculus mRNA of enhancer-trap-locus 1./.5.80E-254//1477bp//84%//X69942

25 C-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds./0//1594bp//99%//AF093670

30 C-Y79AA1000748//Rattus norvegicus clone C42 CDK5 activator-binding protein mRNA, complete cds./.6.60E-286//1832bp//84%//AF177477

35 C-Y79AA1000752//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP).//4.90E-91//200aa//64%//Q61990

35 C-Y79AA1000782//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//3.00E-37//469aa//27%//P49902

40 C-Y79AA1000784//Homo sapiens RanBP7/importin 7 mRNA, complete cds./.1.10E-236//1076bp//99%//AF098799

45 C-Y79AA1000794//Homo sapiens actin-associated protein 2E4/kaptin (2E4) mRNA, 2E4-1 allele, complete cds./0//1610bp//99%//AF105369

45 C-Y79AA1000800//Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds./.1.60E-284//1288bp//99%//AF072733

50 C-Y79AA1000833//TUBULIN ALPHA-1 CHAIN./.5.00E-173//220aa//79%//P05209

55 C-Y79AA1000962//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II) 7/4.20E-17//430aa//27%//Q99323

55 C-Y79AA1000966//Homo sapiens COP9 complex subunit 4 mRNA, complete cds./0//1586bp//99%//AF100757

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C-Y79AA1000968//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds.//3.90E-248//1468bp//87%//U38253

5

C-Y79AA1000985//Human centrosomal protein kendrin mRNA, complete cds.//4.70E-151//985bp//87%//U52962

10

C-Y79AA1001048//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.-) (VLCAD).//3.10E-138//583aa//47%//P45953

15

C-Y79AA1001211//Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds.//0//1435bp//99%//AF139658

20

C-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1 (EC 1.1.1.62) (17-BETA-HSD 1) (17-BETA-HYDROXYSTEROID DEHYDROGENASE 1).//7.70E-50//228aa//42%//P51657

25

C-Y79AA1001236//Homo sapiens cell division protein mRNA, complete cds.//0//1612bp//99%//AF063015

30

C-Y79AA1001299//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//996bp//99%//AJ011738

35

C-Y79AA1001312//ZINC FINGER PROTEIN MLZ-4 (ZINC FINGER PROTEIN 46).//0.000000023//193aa//30%//Q03309

40

C-Y79AA1001323//Mus musculus mRNA for GSG1, complete cds.//3.30E-172//1171bp//83%//D87325

C-Y79AA1001384//Homo sapiens very large G-protein coupled receptor-1 (VLGR1) mRNA, complete cds.//0//4708bp//99%//AF055084

45

C-Y79AA1001391//HOMEobox PROTEIN HOX-A13 (HOX-1J).//1.20E-58//178aa//66%//P31271

50

C-Y79AA1001394//CELL DIVISION PROTEIN FTSH HOMOLOG (EC 3.4.24.-).//1.20E-13//230aa//32%//O83746

C-Y79AA1001402//Homo sapiens paraneoplastic cancer-testis-brain antigen (MA4) mRNA, partial cds.//8.50E-65//784bp//62%//AF083115

55

C-Y79AA1001493//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//3.80E-18//151aa//38%//P35132

C-Y79AA1001533//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//4.50E-193//1333bp//80%//D14336

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C-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE)
(PTDINS-4-KINASE) (PI4K-ALPHA).//7.50E-76//85aa//90%//P42356

5

C-Y79AA1001581//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA
LIGASE) (ACYL- ACTIVATING ENZYME).//1.90E-40//482aa//27%//P27550

10

C-Y79AA1001594//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID
RECEPTOR).//2.50E-14//410aa//24%//Q00547

15

C-Y79AA1001603//POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE (EC
2.4.1.41) (PROTEIN-UDP ACETYLGLACTOSAMINYLTRANSFERASE) (UDP-GALNAC:
POLYPEPTIDE, N- ACETYLGLACTOSAMINYLTRANSFERASE) (GALNAC-T1).//1.70E-
84//313aa//48%//Q07537

20

C-Y79AA1001613//ZINC FINGER PROTEIN 132.//3.80E-91//209aa//41%//P52740

25

C-Y79AA1001679//Homo sapiens lambda-crystallin mRNA, complete cds.//3.4e-
310//1430bp//98%//AF077049

C-Y79AA1001692//Mus musculus strain C57BL/J germ cell-less protein (Gc1) mRNA,
complete cds.//1.40E-78//227aa//40%//Q01820

30

C-Y79AA1001705//Homo sapiens p53 regulated PA26-T2 nuclear protein (PA26) mRNA,
complete cds.//3.40E-47//626bp//68%//AF033120

35

C-Y79AA1001711//Human 60-kdal ribonucleoprotein (Ro) mRNA, complete cds.//1.20E-
258//1185bp//99%//J04137

C-Y79AA1001827//Homo sapiens mammalian inositol hexakisphosphate kinase 2 (IP6K2)
mRNA, complete cds.//0//1689bp//98%//AF177145

40

C-Y79AA1001866//Homo sapiens zinc finger protein ZNF180 (ZNF180) mRNA, complete
cds.//0//2927bp//97%//AF192913

45

C-Y79AA1001874//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-
TRANSCRIPTIONALLY ACTIVATED GLYCOPROTEIN 1 RECEPTOR) (CD134 ANTIGEN)
.//4.50E-08//135aa//31%//P43489

50

C-Y79AA1001875//RAS-RELATED PROTEIN RAB-7.//9.40E-12//34aa//97%//P51149

C-Y79AA1001923//Homo sapiens F-box protein Fbx22 (FBX22) gene, partial cds.//7.10E-
52//279bp//97%//AF174602

55

C-Y79AA1001963//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA
HELICASE SPAC10F6.02C.//1.00E-10//94aa//47%//O42643

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C-Y79AA1002027//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.90E-39//143aa//52%//P42743

5

C-Y79AA1002083//H.sapiens mRNA for MUF1 protein.//5.00E-163//752bp//99%//X86018

10

C-Y79AA1002103//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//3.00E-25//549aa//76%//P16415

C-Y79AA1002139//DNAJ PROTEIN HOMOLOG 1 (DROJ1).//9.00E-17//120aa//45%//Q24133

15

C-Y79AA1002204//COMPLEXIN 2 (SYNAPHIN 1) (921-L).//7.50E-09//131aa//35%//Q13329

C-Y79AA1002208//ANKYRIN.//8.10E-34//188aa//38%//Q02357

20

C-Y79AA1002209//TYROSYL-TRNA SYNTHETASE (EC 6.1.1.1) (TYROSINE--TRNA LIGASE) (TYRRS).//1.60E-72//437aa//39%//P00952

25

C-Y79AA1002210//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN).//0.0000018//140aa//25%//Q13829

C-Y79AA1002211//PHOSPHATIDYLETHANOLAMINE-BINDING PROTEIN HOMOLOG F40A3.3.//1.70E-17//146aa//35%//O16264

30

C-Y79AA1002229//DNA CROSS-LINK REPAIR PROTEIN PSO2/SNM1.//7.10E-17//213aa//31%//P30620

35

C-Y79AA1002246//SYNAPTOTAGMIN V.//1.60E-28//286aa//32%//O00445

C-Y79AA1002258//Homo sapiens mRNA for HIP1R, complete
cds.//0//2106bp//99%//AB013384

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C-Y79AA1002307//Homo sapiens astrotactin2 (ASTN2) mRNA, complete
cds.//0//1209bp//99%//AF116574

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C-Y79AA1002311//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//2.90E-186//1130bp//82%//X67877

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C-Y79AA1002361//Rattus norvegicus mRNA for protein phosphatase 1 (GL-subunit).//6.90E-140//966bp//82%//Y18208

C-Y79AA1002399//Homo sapiens mRNA for sperm protein.//0//1163bp//95%//X91879

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C-Y79AA1002416//Mus musculus CTP synthetase homolog (CTPsH) mRNA, complete
cds.//3.9e-317//1902bp//86%//U49385

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C-Y79AA1002431//TRANSDUCIN-LIKE ENHANCER PROTEIN 2 (ESG2).//9.80E-62//318aa//35%//Q04725

5 C-Y79AA1002433//Homo sapiens chromatin- specific transcription elongation factor FACT
140 kDa subunit mRNA, complete cds.//0//1545bp//96%//AF152961

10 C-Y79AA1002472//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
.//1.50E-136//472aa//49%//Q05481

15 C-Y79AA1002482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
.//2.70E-137//340aa//51%//Q05481

15 C-Y79AA1002487//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA,
complete cds.//7.3e-311//1444bp//98%//AF129534

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Claims

1. Use of an oligonucleotide as a primer for synthesizing the polynucleotide comprising the nucleotide sequence set forth in any one of SEQ ID NOS: 1-5547 and SEQ ID NOS: 16111-25 16164, or the complementary strand thereof, wherein said oligonucleotide is complementary to said polynucleotide or the complementary strand thereof and comprises at least 15 nucleotides.
- 30 2. A primer set for synthesizing polynucleotides, the primer set comprising an oligo-dT primer and an oligonucleotide complementary to the complementary strand of the polynucleotide comprising the nucleotide sequence set forth in any one of SEQ ID NOS: 1-5547 and SEQ ID NOS: 16111-16164, wherein said oligonucleotide comprises at least 15 nucleotides.
- 35 3. A primer set for synthesizing polynucleotides, the primer set comprising a combination of an oligonucleotide comprising a nucleotide sequence complementary to the complementary strand of the polynucleotide comprising a 5'-end nucleotide sequence and an oligonucleotide comprising a nucleotide sequence complementary to the polynucleotide comprising a 3'-end nucleotide sequence, wherein said oligonucleotides comprise at least 15 nucleotides and 40 wherein said combination of 5'-end nucleotide sequence 3'-end nucleotide sequence is selected from the group consisting of:
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NO: 16216, SEQ ID NO: 16163 / SEQ ID NO: 16217, and SEQ ID NO: 16164 / SEQ ID NO:
16218

- 5 4. A polynucleotide which can be synthesized with the primer set of claim 2 or 3.
- 5 5. A polynucleotide comprising a coding region in the polynucleotide of claim 4.
- 10 6. A substantially pure protein encoded by polynucleotide of claim 4.
7. A partial peptide of the protein of claim 6.
- 15 8. An isolated polynucleotide selected from the group consisting of
 (a) a polynucleotide comprising a coding region of the nucleotide sequence set forth in
 any one of the following SEQ ID NOs:

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SEQ ID NO: 10468, SEQ ID NO: 10470, SEQ ID NO: 10471, SEQ ID NO: 10472, SEQ ID
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SEQ ID NO: 19022, SEQ ID NO: 19024, and SEQ ID NO: 19025

20 (b) a polynucleotide comprising a nucleotide sequence encoding a protein comprising
the amino acid sequence set forth in any one of the following SEQ ID NOs:

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45 (c) a polynucleotide comprising a nucleotide sequence encoding a protein comprising an
amino acid sequence selected from the amino acid sequences of (b), in which one or
more amino acids are substituted, deleted, inserted, and/or added, wherein said protein
is functionally equivalent to the protein comprising said amino acid sequence selected
from the amino acid sequences of (b);
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55 (d) a polynucleotide that hybridizes with a polynucleotide comprising a nucleotide
sequence selected from the nucleotide sequences of (a), and that comprises a
nucleotide sequence encoding a protein functionally equivalent to the protein encoded by
the nucleotide sequence selected from the nucleotide sequences of (a);

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- (e) a polynucleotide comprising a nucleotide sequence encoding a partial amino acid sequence of a protein encoded by the polynucleotide of (a) to (d);
- 5 (f) a polynucleotide comprising a nucleotide sequence with at least 70% identity to the nucleotide sequence of (a).
- 10 9. A substantially pure protein encoded by the polynucleotide of claim 8.
10. An antibody against the protein or peptide of any one of claims 6, 7, and 9.
- 15 11. A vector comprising the polynucleotide of claim 5 or 8.
12. A transformant carrying the polynucleotide of claim 5 or 8, or the vector of claim 11.
- 20 13. A transformant expressively carrying the polynucleotide of claim 5 or 8, or the vector of claim 11.
- 25 14. A method for producing the protein or peptide of any one of claims 6, 7, and 9, comprising culturing the transformant of claim 13 and recovering the expression product.
- 30 15. An oligonucleotide comprising the nucleotide sequence of claim 8 (a) or the nucleotide sequence complementary to the complementary strand thereof, wherein said oligonucleotide comprises 15 nucleotides or more.
16. Use of the oligonucleotide of claim 15 as a primer for synthesizing a polynucleotide.
- 35 17. Use of the oligonucleotide of claim 15 as a probe for detecting a gene.
18. An antisense polynucleotide against the polynucleotide of claim 8, or the portion thereof.
- 40 19. A method for synthesizing a polynucleotide, the method comprising:
- 45 a) synthesizing a complementary strand using a cDNA library as a template, and using the primer set of claim 2 or 3, or the primer of claim 16; and
- b) recovering the synthesized product.
- 50 20. The method of claim 19, wherein the cDNA library is obtainable by oligo-capping method.
21. The method of claim 19, wherein the complementary strand is obtainable by PCR.
- 55 22. A method for detecting the polynucleotide of claim 8, the method comprising:
- a) incubating a target polynucleotide with the oligonucleotide of claim 15 under the

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conditions where hybridization occurs, and

- 5 b) detecting the hybridization of the target polynucleotide with the oligonucleotide of
claim 15.

- 10 23. A database of polynucleotides and/or proteins, the database comprising information on at
least one sequence selected from the nucleotide sequences of claim 8 (a) and/or the amino
acid sequences of claim 8 (b), or a medium on which the database is stored.

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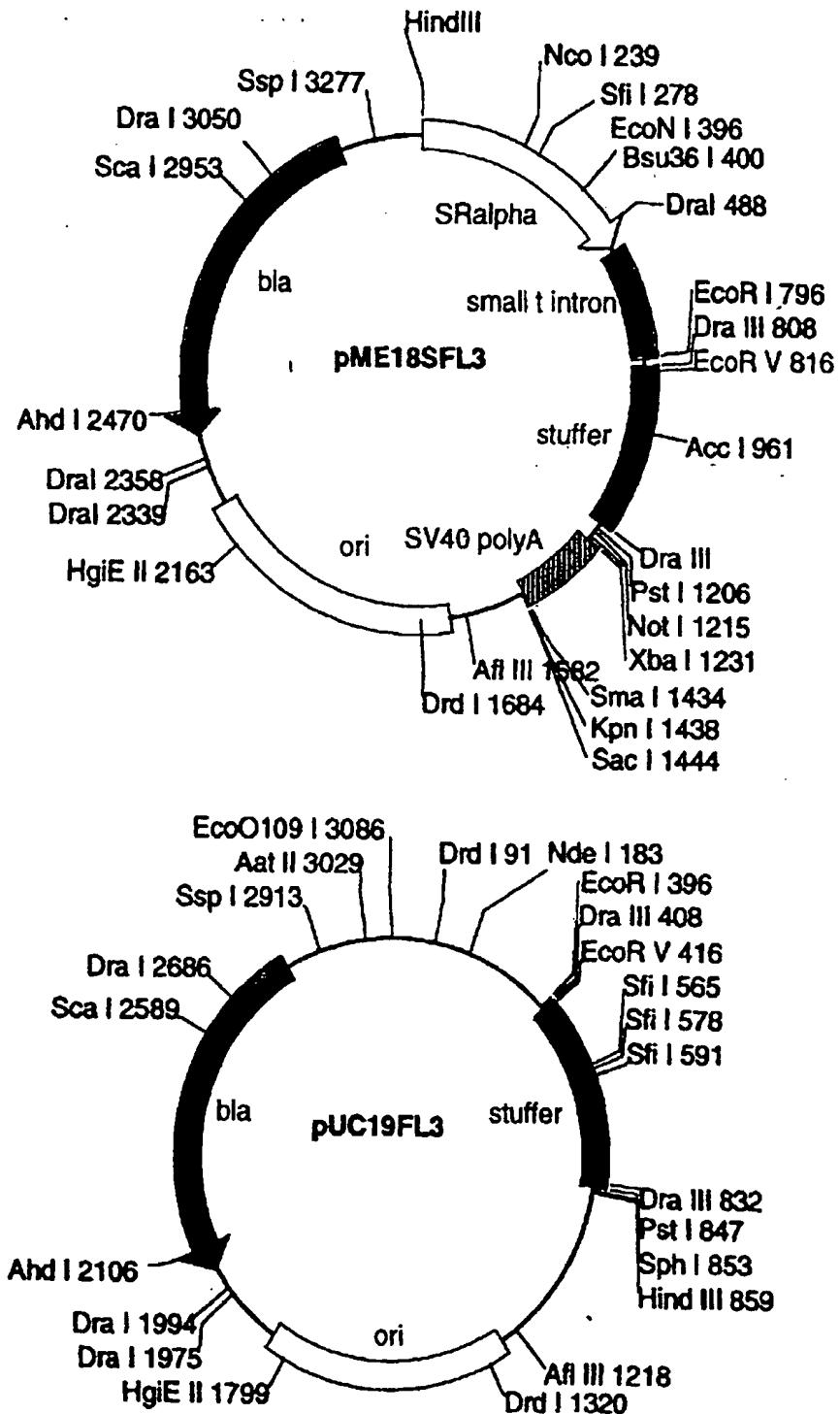
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Figure 1



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Figure 2

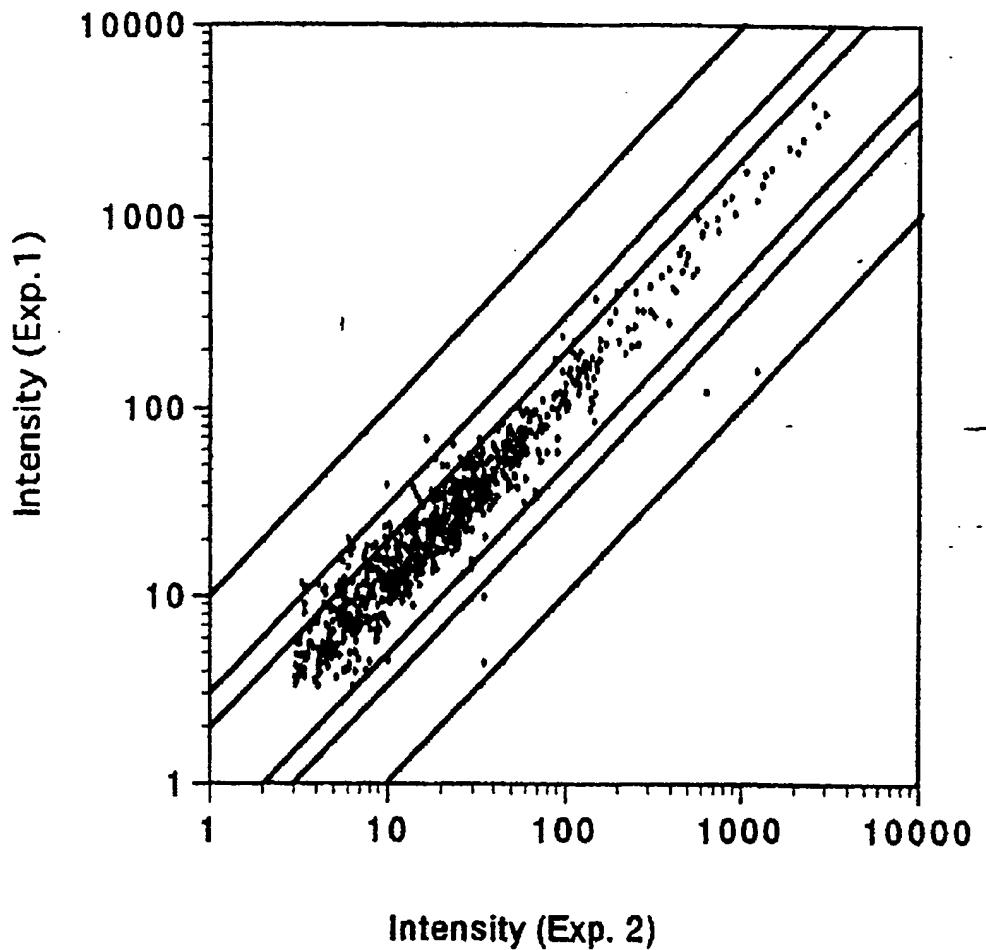


Figure 3

